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DEVELOPMENT PLANNING AND RESEARCH ASSOCIATES

# ENVIRONMENTAL PROTECTION AGENCY TECHNICAL ENFORCEMENT SUPPORT AT HAZARDOUS WASTE SITES

## TES IV CONTRACT # 68-01-7351 WORK ASSIGNMENT NO. 325 LAND DISPOSAL RESTRICTIONS INSPECTION

ΑT

BAY AREA ENVIRONMENTAL RICHMOND, CALIFORNIA CAT080014079

10-08-87

JACOBS ENGINEERING GROUP, INC. PROJECT NO. 05-B325-00

October 1987

# INSPECTION REPORT PREPARED FOR U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION IX TOXICS AND WASTE MANAGEMENT DIVISION COMPLIANCE AND RESPONSE BRANCH

### LAND DISPOSAL RESTRICTIONS INSPECTION

**FACILITY:** 

Bay Area Environmental

1125 Hensley Street

Richmond, California 94804

**EPA IDENTIFICATION NUMBER:** 

CAT 080014079

DATE OF INSPECTION:

October 8, 1987

**EPA INSPECTOR:** 

Martha Williams

Jacobs Engineering Group, Inc.

FACILITY REPRESENTATIVES:

Robert J. Sisneros Vice President

David Burton

Facility Manager

John H. Tillman Technical Director

Gus Petsas CPA Controller

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## LAND DISPOSAL RESTRICTIONS INSPECTION BAY AREA ENVIRONMENTAL WORK ASSIGNMENT NO. 325

### 1.0 INTRODUCTION

On October 8, 1987 a Land Disposal Restrictions Inspection (LDR) was conducted by Jacobs Engineering Group, Inc. (Jacobs) personnel at Bay Area Environmental (BAE) in Richmond, California. The inspection constitutes partial fulfillment of the Technical Enforcement Support (TES) IV Contract, Work Assignment No. 325, for EPA Region IX.

This report includes a discussion of the facility's waste management practices, a review and discussion of facility documents pertinent to land disposal restrictions, observations made during the inspection, and a list of potential violations on the part of the facility. Photographs taken during the inspection (Attachment A), the LDR (Attachment B) and California List Waste Checklists (Attachment C), and documents requested by Jacobs inspectors are included as attachments to this report (see previous page for listing).

### 2.0 BACKGROUND

### Nature and History of Facility

BAE is one of a group of independent corporations owned by J.J. Magana (see Attachment D for further information on these corporations). BAE began operating in 1983 as a hazardous waste storage and transfer facility under a Hazardous Waste Facility Permit (Attachment E) from the California Department of Health Services (DHS). According to an in-house document (Attachment D), BAE incorporated in 1985. Prior to 1986, BAE processed approximately 250 55-gallon drums and 100 5-gallon drums per year, serving household and small-quantity generators of hazardous wastes. In 1986, large quantity generators were added to BAE clientele and the amount of waste processed increased to approximately 200 55-gallon drums per month (See Annual Reports, Attachment F). During 1986 and 1987 BAE worked out rental agreements with four major hazardous waste companies: International Technology (IT), Erikson, Inc., Rollins Environmental Services and Chevron USA, Inc. These companies pay a set daily fee to store wastes at BAE. BAE requires the companies to assume the responsibility for profiling waste and making arrangements for disposing of waste that has been brought on site by these companies.

Within the last year BAE has been working with DHS to establish a fully-equipped and certified hazardous waste analytical laboratory on site. This process is almost complete and the company expects the lab to be certified soon.

### Wastes Accepted at the Facility

The facility's Part A (Attachment G) lists only a few waste types. The 1983 revision of the facility Operation Plan (Attachment H) indicates a potential for any waste identified in 40 CFR Part 261.33(a-f) to be handled at the facility.

Comparison of the Part A with the Operation Plan and DHS permit indicates the amount of growth this company has experienced.

According to the DHS Permit, the facility is prohibited from handling or storing the following types of wastes:

- o extremely hazardous wastes,
- o wastes in bulk.
- o burning wastes,
- o forbidden and Class A explosives (e.g., nitroglycerin, firecrackers, high explosives, ammunition for weapons or rockets, blasting caps),
- o wastes containing polychlorinated biphenyls (PCB's), and
- o water-reactive wastes in quantities greater than 5 gallons at one time.

### Waste Management

BAE's Operation Plan (Attachment H), revised in 1983, states that the facility "collects, receives and transfers containerized waste from small householders and small industrial establishments". Since 1986, however, the facility has greatly expanded its operations. Many of BAE's current clients are major industrial large-quantity generators. Further, not all wastes are shipped off site in containers; liquid containerized wastes are occasionally consolidated into vacuum trucks for removal. The facility received a variance from DHS in 1984 permitting BAE to accept waste from large-quantity generators (Attachment I). However, it is not clear whether this variance is still in effect. The Jacobs inspector did not find a variance permitting bulk waste handling in BAE's files.

The 1983 revision of the Operation Plan (Attachment H) is ambiguous with regard to waste analysis, stating alternately that all wastes are spot tested (e.g., tested for pH, flammability and water reactivity) and that only unlabeled wastes are spot tested. It is not clear which practice the facility intended to implement. According to John Tillman, Technical Director, waste analysis for the past year or so has involved:

- o visual check of information on the manifest for an incoming load,
- o visual check of the load to see if it conforms to manifest information,
- o spot testing the load (using parameters mentioned above) if there appears to be a discrepancy, and
- o use of the Haz Cat sampling kit to further quantify waste, or, if necessary, pursuing further testing (via contract labs or, currently, via BAE's lab) if the discrepancy appears to be significant.

Neither Mr. Tillman nor any other BAE employee present during the inspection was familiar with pre-1986 waste analysis practices at BAE.

Mr. Tillman stated that BAE intends, in the very near future, to systematically screen all incoming loads and maintain waste stream profiles, derived through BAE's lab, for all incoming wastes.

After wastes are accepted on site they are segregated for storage. Acids, poisons and caustics are separated and stored in bermed concrete cells in a 30' x 60' building (Attachment A, Photograph 3; Attachment J, map). Flammables and oxidizers are separated and stored in another concrete-bermed storage building that measures 30' x 40' (Attachment A, Photograph 4).

Handling done on site consists of over-packing leaking 55-gallon drums when necessary, lab packing small hazardous waste containers into 55-gallon drums, transferring liquid waste from drums to tanker trucks, and cleaning up accidental spills.

The facility still receives small quantities of hazardous wastes, brought to the Hensley Street site by home-owners.

BAE is permitted to store wastes for up to one year. Immediately prior to shipment out of the facility, all wastes are relabeled and remanifested. In all cases, (including transactions involving wastes brought in by IT, Erikson, Rollins or Chevron) BAE is listed as the generator on outgoing manifests.

### 3.0 SITE INSPECTION

Prior to touring the storage areas, the Jacobs inspector accompanied Mr. Tillman on a tour of the laboratory. The lab is equipped to do a full range of analyses (Attachment K). The laboratory began running samples of incoming wastes on September 24, 1987, as recorded in the lab sample analysis log (Attachment L).

Mr. Burton, the Facility Manager, and Mr. Sisneros, BAE's Vice President, accompanied the Jacobs inspector during the site inspection. The site is small. The office and laboratory (Attachment A, Photograph 1) and drum storage areas (Photographs 3 and 4) are located within 10 to 20 yards of each other. A garage adjacent to the office (Photograph 5) houses adsorbents (used in spill clean up and lab packing), a drum crusher and clean, empty drums (used for lab packing). Crushed drums are collected in roll-off boxes (Photograph 2) for shipment to Casmalia Resources.

The Jacobs inspector encountered only one violation of hazardous waste regulations during this site inspection. This was, according to Mr. Burton's statement, that restricted waste containers are not dated when accepted into storage at BAE. Wastes are routinely relabeled (with BAE as the generator listed on the label) only when shipment off site is imminent. Of the approximately 400 drums present on site at the time of the inspection, the inspector did not observe any drums marked to indicate the date they were accepted into storage. Most drums had the original generator's label only. Those that were newly labeled by BAE personnel were, according to Mr. Burton, labeled in preparation for shipment.

### 4.0 **DOCUMENT REVIEW**

All of the documents requested by Jacobs were provided by BAE except copies of the facility's Biennial Reports. Neither Mr. Burton nor Mr. Sisneros was aware of any reporting requirements beyond the annual reporting required by DHS.

### Waste Analysis Plan

As previously mentioned, the facility's Waste Analysis Plan, which is included in the 1983 revision of the Operation Plan, (see Attachment H) does not clearly indicate routine testing procedures for incoming wastes. In addition, the spot tests referred to in this plan, i.e., pH, water reactivity and flammability, would not provide sufficient information to comply with the requirements for waste characterization as specified in 40 CFR Part 264.

A draft update of the Waste Analysis Plan was supplied to Jacobs at the time of this inspection (Attachment M). The document is entitled "Acceptance Procedures" and reads more like a procedural guide for employees than a waste analysis plan. Spot tests listed in this document (e.g. Haz Cat testing, checking for free liquids and pH, and visual load checking) would not be sufficient to determine whether restricted F-solvents or California list wastes were present in loads. Nowhere is it stated that BAE requires generators to (1) adequately determine whether wastes are restricted and (2) supply sufficient data to prove their claims. Nor does the document address procedures and policies to be followed if a discrepancy in waste characterization is found.

At the time of this inspection, Mr. Tillman provided a further addition to the draft waste analysis plan (Attachment N). This document, which is untitled, promotes testing of all incoming waste. The testing parameters are more inclusive than those in the 1983 revision of the plan, however, the details of implementation are omitted. It is, therefore, unclear which tests will be administered, how such testing will be accomplished and what guidelines will be followed in assessing incoming wastes.

### Operating Record

For approximately six months BAE has been sending monthly reports to DHS. The July, August and September 1987 reports are included as Attachment O in this report. These reports fulfill the requirements for maintaining an operating record, as specified in 40 CFR 264.73, in that incoming waste quantities and descriptions are recorded; however, no further data on the date and method of storage and disposal are routinely recorded.

There is an internal accounting system in place to track the four storage renters: IT, Erikson, Rollins and Chevron (Attachment P). While this document provides complete information on waste brought into BAE by one of these companies, it does not account for any other wastes stored at BAE. It should be noted that this system was only recently implemented and information was only available for IT and Rollins.

### Uniform Hazardous Waste Manifests

Since BAE does not have an adequate tracking system to account for its waste, the Jacobs inspector collected and reviewed manifests for the months of July, August, September and

October 1987. One incoming manifest for the month of May was also reviewed. When questioned, Mr. Burton stated that manifests on file at the facility would have any pertinent laboratory or generator-supplied information attached to them.

Manifests that appeared to be inadequate are included in this report as Attachment Q. These manifests are divided into two groups - Incoming Manifests (Attachment Q-1) and Outgoing Manifests (Attachment Q-2) - and separated by month.

The manifests and corresponding deficiencies are summarized in Tables 4-1 and 4-2.

### **Incoming Manifests**

In reviewing BAE's incoming manifests it became apparent that the facility consistently accepts wastes that are coded incorrectly. Specifically, the D001 code is used for wastes that should be coded as restricted solvent wastes (Attachment Q-1, July-October). Improperly coded California list wastes are also accepted (see Attachment Q-1, August). When wastes were properly identified as restricted, the facility failed to obtain the required notification from the generator (Attachment Q-1, August; Table 4-1) In some cases, incoming wastes are not sufficiently characterized, either by laboratory testing or through generator-supplied information, to determine whether they are restricted. Thus, BAE does not require sufficient information of its clients to be able to determine whether incoming wastes are restricted, and BAE does not subsequently test poorly characterized wastes to determine if they are restricted.

It is difficult to determine whether incoming solvent wastes bearing P or U codes are in fact off-specification products. Even if in the original container, unless the container has an unbroken seal, testing may be the only method for verifying waste content. Although BAE does not receive a large volume of solvents with these codes, the situation is mentioned here as a potential enforcement problem.

### **Outgoing Manifests**

In remanifesting waste, BAE perpetuated the errors discussed for incoming manifests. Solvent wastes were coded as D001, California list wastes were improperly coded (Attachment Q-2, May, July and September; Table 4-2) Wastes which appear to be restricted were insufficiently characterized. Since BAE did not require sufficient information from the generator, characterization would have had to involve analytical testing by BAE before remanifesting the wastes (Attachment Q-2, May, July and August; Table 4-2).

As stated by Mr. Burton, BAE intends to set up a data base to track wastes through the facility. At present this tracking is only haphazardly accomplished. Some remanifested waste documents reference the original manifests, but others do not (Attachment Q-2, August; Table 4-2) Without this reference the Operating Record is incomplete.

Mr. Burton was asked whether he sent the required notification/certification with remanifested restricted wastes. He responded that he did so when sending wastes to certain facilities (eg., Solvent Services) which had forwarded forms to BAE to use when

### TABLE 4-1

### ANALYSIS OF INCOMING MANIFESTS JULY - OCTOBER 1987

| Manifest<br>Number | Generator                        | Observed Problem(s)   |  |
|--------------------|----------------------------------|---|--|
| July               |                                  |   |  |
| 87041637           | Mt. Diablo<br>Hospital           | Listed xylene as D001. Manifest accepted by BAE.  |  |
| August             |                                  |   |  |
| 87041663           | BARD Cardio-<br>vascular Surgery | No notification attached to manifest.   |  |
|                    |                                  | No generator - supplied data attached to manifest.  |  |
| 87041674           | Xoma Corp.                       | Solvent waste listed as D001. No supporting documentation from generator.   |  |
| 87041665           | Wesco Labs                       | No notification or information on concentrations for this F001 waste was obtained by BAE.                               |  |
| 87041673           | Xoma Corp.                       | Mixed solvent listed as D001; no supporting documentation attached to manifest.   |  |
| 87041688           | Ion Systems                      | Waste MEK given D001 code. Manifest accepted by BAE.  |  |
| 87087377           | Alyeska Pipeline<br>Service Co.  | D001 code used but generator-supplied data indicate wastes are California list wastes. Manifests accepted as is by BAE. |  |

| September                |   |  |
|--------------------------|---|--|
| 87041703                 | Ion Systems                                 | MEK given D001 code.  Manifest accepted as is by BAE.  |
| 87441997<br>and 87441998 | Clayton Environ-<br>mental Con-<br>sultants | Waste contains Hg and Cr<br>according to manifest,<br>but no other documenta-<br>tion regarding con-<br>centrations of these<br>metals is attached to the<br>manifest. |
| 87298059                 | Lockheed Missles and Space Co.              | According to attached generator-supplied information, waste listed as D001 is actually F005. Manifest accepted as is by BAE.   |
| 87298058                 | Lockheed Missles and Space Co.              | Generator claims waste is <1% MEK, but supplies no corroborative evidence.   |
|                          |   | Waste Freon and waste MEK incorrectly labeled as D001.   |
|                          |   | BAE accepted manifest as is.   |
| 87298064<br>and 87298060 | Lockheed Missles and Space Co.              | Generator-supplied data completely for characterizing waste.   |
| 87041691                 | Lockheed Missles and Space Co.              | Waste MEK listed as D001.<br>Manifest accepted by BAE.   |
| 87403275                 | Bureau of Land<br>Management                | Generator-supplied information on "D001 waste flammable liquid" is inadequate.   |
| October                  |   |  |
| 87298072                 | Lockheed Missles and Space Co.              | At least one constituent in this lab pack is MEK at 10%.   |

Other solvents listed in lab pack require further characterization.

BAE accepted manifest with waste listed as D001.

87041738

Ion Systems

Waste MEK listed as D001. Manifest accepted as is by BAE.

### TABLE 4-2

### ANALYSIS OF OUTGOING MANIFESTS MAY 1987 AND JULY - SEPTEMBER 1987

| Manifest No. | Observed Problem(s)   |
|--------------|---|
| May          |   |
| 86490647     | Manifest acquired during inspection of IT San Jose by Jacobs on September 21, 1987.   |
|              | Waste contains high percentage of unidentified solvents. May be a restricted waste. Requires further characterization.                                |
|              | If waste had been shipped after July 8, 1987, it would have been a miscoded restricted waste by virtue of the Pb and CR+6 concentrations.             |
|              | Waste code should have at least included: D007 and D008.  |
|              | Manifest indicates CN "was detected" in waste, but no levels are quoted and no supporting documentation is attached to manifest.                      |
| July         |   |
| 87041648     | Manifest accounts for 79 drums, but no details about drum contents are attached to manifest.  |
| 87041649     | No information about waste attached to manifest.  |
| 87041652     | Manifest lists "hydrocarbon solvents" as D001. No specific information about solvents is attached to manifest.  |
| 87041650     | Code #D000 is a retired code.   |
| 87041645     | No information attached to manifest. Load was rejected at Vine Hill and remanifested to Arkansas according to manifest - presumably for incineration. |
|              | No record of new manifest - #AR111476 - found during inspection.  |

| August    |  |
|-----------|--|
| 87041680  | No reference is made to original incoming manifest(s), so there is no way to track this waste through the facility.  |
|           | Not enough information is given about this waste; no documentation was attached to manifest.   |
| 87041676  | There is no specific information about the pH of this acid. It may be a California list waste.   |
| 87041679  | No reference is made to original incoming manifest, so this waste cannot be tracked through the facility.  |
| 87005954  | This manifest accounts for 56 drums of acid. This pH of this acid is not specified. There is no generator-supplied information attached to the manifest. Waste could be a California list waste. |
| September |  |
| 87041708  | MEK listed as D001 waste. Alcohol in waste not identified. No reference is made to original incoming manifest(s), so waste cannot be tracked through facility.                                   |
| 87041692  | No information on waste is attached to manifest.   |
| 87041700  | Waste is inadequately characterized. No reference is made to original incoming manifest(s), so waste cannot be tracked through facility.   |
| 87005934  | No information attached to this manifest. No reference to original incoming manifest. No way to determine whether waste may be California list waste.  |

shipping waste. Otherwise, he stated, restricted waste notification/certification was not being consistently implemented. Mr. Burton said that he was not purposefully failing to notify, he didn't realize it was required. He further stated an intention to correct the error.

### 5.0 AREAS NOT INSPECTED

All known hazardous waste storage areas were inspected.

### 6.0 POTENTIAL VIOLATIONS

The following potential violations were found as a result of the LDR inspection at BAE:

### 1. General Waste Analysis

40 CFR 264.13(a)(1-4) and (c) require the owner or operator of a facility to obtain detailed analyses of hazardous waste handled in order to treat, store and/or dispose of it in accordance with 40 CFR Part 268. Analysis must be repeated as necessary to ensure accuracy. The owner or operator of an off-site facility must determine whether incoming waste matches the identity of waste specified on accompanying manifests.

On October 8, 1987 Jacobs reviewed BAE documents and found evidence that incoming restricted wastes were improperly coded (Attachment Q-1, Table 4-1). In addition, incoming wastes were not adequately characterized by the generator, either through analytical testing or other documentation (Attachment Q-1, Table 4-1). BAE did not subsequently perform any analysis on poorly characterized wastes.

### 2. Manifest System, Recordkeeping and Reporting

40 CFR 264.71 (c) states that whenever a shipment of hazardous waste is initiated from a facility, the owner or operator must comply with the requirements of Part 262.

On October 8, 1987, during an inspection of BAE, the Jacobs inspector requested copies of generator biennial reports which are required of generators under 40 CFR 262.41. Mr. Sisneros and Mr. Burton, representing the facility, stated that they were unaware of any reporting requirements beyond the annual reporting required by DHS.

On October 8, 1987 Jacobs reviewed BAE documents and found that restricted wastes were not being properly identified as restricted as required of generators under 40 CFR 262.11 (d) (Attachment Q; Tables 4-1 and 4-2).

### 3. Operating Record

40 CFR 264.73(a)(b)(1-2) specifies that an owner or operator must keep a record that provides: (1) a description and the quantity of waste received, (2) method and date of treatment, storage and/or disposal, (3) location and quantity of each waste within the facility, and (4) specific cross-referencing to manifest numbers.

On October 8, 1987 Jacobs reviewed BAE's Operating Record. The document was found to be deficient in that (1) the method and date of waste storage and disposal was not consistently documented, (2) the location and quantity of each waste within the facility was not recorded, and (3) cross-referencing of manifest numbers was not consistently carried out.

#### 4. Operating Record

40 CFR 264.73(b)(9) requires the owner or operator of an off-site facility to maintain records of the notification required of restricted-waste generators under 40 CFR 268.7(a)(1).

On October 8, 1987 Jacobs reviewed BAE documents and found no evidence of required notifications from restricted-waste generators included in the facility Operating Record (Attachment Q-1).

5. Biennial Report

40 CFR 264.75 requires an owner or operator of an off-site facility to prepare and submit a copy of a biennial report to the Agency each even-numbered veca. cover facility activities for the previous calendar year.

On October 8, 1987, during an inspection of BAE, the Jacobs inspector requested copies of facility biennial reports. Mr. Sisneros and Mr. Burton, representing the facility, stated that they were unaware of any reporting requirements beyond the annual reporting required by DHS.

### Waste Analysis Same Transfer and Month 6.

40 CFR 268.7(a) states that a generator must determine, through testing or documented knowledge of a waste, whether the waste is restricted from land disposal.

On October 8, 1987 Jacobs reviewed BAE documents. BAE was accepting misclassified restricted wastes (e.g., F-solvents classified as D001) from its clients (Attachment Q-1, Table 4-1). BAE did not analyze these wastes before remanifesting them for shipment off site. Outgoing manifests listed BAE as the generator, and the misclassification errors were perpetuated (Attachment Q-1 and Q-2, Tables 4-1 and 4-2).

#### 7. Prohibitions on Storage of Restricted Wastes

40 CFR 268.50(a)(2) allows an owner or operator to store restricted wastes for purposes outlined in this part only if each container or tank is clearly marked to identify its content and the date it entered storage.

On October 8, 1987 during an inspection of BAE, Mr. Burton, representing the facility, told the Jacobs inspector that drums were not labeled with the date of entrance into storage. He further stated that drums only received new labels and dates immediately prior to shipment off-site. The inspector observed that most of the approximately 400 drums on site bore only the original generator's label.

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### ATTACHMENT A

**FACILITY:** 

Bay Area Environmental

DATE:

October 8, 1987

PHOTOGRAPHER:

Martha Williams

FACILITY REPRESENTATIVE:

**David Burton** 



PHOTOGRAPH # 1 OFFICIAL PHOTOGRAPH JACOBS ENGINEERING GROUP, INC.

Subject: BAE office and laboratory building.



PHOTOGRAPH # 3
OFFICIAL PHOTOGRAPH
JACOBS ENGINEERING GROUP, INC.

Subject: Acid, poison and caustic chemical storage building at BAE.



PHOTOGRAPH # 5
OFFICIAL PHOTOGRAPH
JACOBS ENGINEERING GROUP, INC.

Subject: BAE storage garage that houses adsorbents (used in spill cleanup and lab packing), drum crusher (green machine to left) and empty packing drums.

## ATTACHMENT B LDR CHECKLIST

### TRANSPORTER CHECKLIST

| 1   | Bay Area Environn  | nental      | 1125    | Hensley Stree     | + .    |
|-----|--|-------------|---------|-------------------|--------|
| ā — | Site Name  |             |         | reet (or other id |        |
|     | Richmond   | C4          | 94804   | Contra            | Costa  |
| Ĉ - | City   | D. State    | -       | ode F. Co         | •      |
|     | TSD with permit to   | store = Tye |         | collection, ste   | $\sim$ |
| ;   | Description of Operations  |             | and     | transfer fac      | ility  |
|     | CAT 080 014 0  | 79          |         | <u>'</u>          |        |
| Ī,  | David Burto  | n, Facility | Manager | (415) 233         | 8001   |
| I.  | TRANSPORTER REQUIREMENTS  Does the transporter store wastes for greater than 10            | restricted  | /       | Comm              | ients  |
|     | [268.50(A)(3)]?  | _           | YesNo   |                   |        |
|     | If yes, does transporter ha<br>264/265 status as storage in<br>(e.g., has submitted part A |             | YesNo   |                   |        |
|     | Does a review of records in storage of restricted waste greater than 10 days?              |             | Yes No  | NA see A(1)       |        |
|     | Describe inventory controls that restricted wastes are for greater than 10 days.           |             | NA See  | A(1)              |        |

### DRAFT

Martinez CA
Telephone no: (415) 228.9700

### RCRA LAND RESTRICTION F- SOLVENT GENERATOR CHECKLIST

| HAND        |                      | ENTIFICATION (\)                               | rion<br>L Environ   |  | . 111                                 | 25 Heu                          | isleu          | Street    |                          |
|-------------|----------------------|--|---|--|---------------------------------------|---------------------------------|----------------|-----------|--------------------------|
| A H         | andler               |  | LUVIAV  | 1 mental   |                                       |                                 |                | her ident |                          |
| II          | _                    |  |   | C A  |                                       |                                 |                |           | <b>.</b> .               |
| <del></del> | ity                  | mond   |   | CA<br>D. State   |                                       |                                 |                |           | Costa.                   |
| <b></b>     |                      | withp  | ermit for a   | storage \le 1 y  | ear; a w                              | iaste col                       | lection        | , storage | and trans                |
| G.          |                      |  |   | ication of Op  |                                       |                                 |                |           | 31-110                   |
|             | Ç,                   | AT 080   | 014079  |  |                                       |                                 |                |           |                          |
| н.          | EPA ID               |  | Burton,   | Facility   | , Hanag                               | er                              | (415           | ) 233     | 8001                     |
| Ī.          |                      |  | (Name and P   |  |                                       |                                 |                |           |                          |
|             |                      |  | . •   |  |                                       |                                 |                |           |                          |
| . Gene      | rator (              | Complianc                                      | <b>:</b> e  |  |                                       |                                 |                |           |                          |
|             |                      | _  |   |  |                                       |                                 |                |           | -4-                      |
| A. F-       | SOTAGU               | t Identii                                      | il cation   |  |                                       |                                 |                | Comme     | ncs                      |
| 1           | follo                | owing was                                      | ller generate<br>stes?  | the ·  | /                                     |                                 |                |           |                          |
|             | a. I                 | .001   |   |  | √ Yes                                 | No                              |                |           |                          |
|             | b. I                 | F002   |   |  | _✓ Yes                                | No                              |                |           |                          |
|             | c. I                 | <del>7</del> 003                               | Yes   | No   |                                       |                                 |                |           |                          |
|             | 90<br>Wi<br>ha<br>re | olely for<br>ith a nor<br>azardous<br>esultant | wastestream ignitabilit restricted waste, does mixture exhi ity character | y was mixed solid or the bit the                                   | Yes                                   | No                              | ΝĂ             |           |                          |
|             | đ. E                 | 7004   |   |  | ✓ Yes                                 | No                              |                |           |                          |
|             | e. E                 | <del>?</del> 005                               |   |  | $\sqrt{\text{Yes}}$                   |                                 |                |           |                          |
| 2           | . Sour               | e of the                                       |   | 8700-12  | ; Part A                              | ; Pa                            | rt B _         | ; Othe    | r (specify               |
| whe<br>the  | ther the             | ne handle<br>er previo                         | ended to assi<br>er is generat<br>ously. If yo                            | anifests  st the inspecting F-solvent  u are concern  x A. Note co | tor and en<br>wastes, i<br>ed that F- | forcemen<br>f such w<br>solvent | t officastes v | cial in d | etermining<br>identified |

|  |                | Date:   |
|--|----------------|---|
| National Variances and Extensions/Petition   | ns             | Comments  |
| <pre>1. Is the waste generated by a Small   Quantity Generator? [268.30(a)(1)]</pre>   | Yes No         | <u>Camerics</u>                                   |
| <ol> <li>Is the waste generated from a RCRA<br/>corrective action? [268.30(a)(2)]</li> </ol>   |                | Some  |
| <ol> <li>Is the waste generated from a CTRCLA<br/>response action? [268.30(a)(2)]</li> </ol>   | _Yes _VNo      | Some  |
| 4. Is the solvent waste a solvent-water mixture, solvent-containing sludge, or solvent-contaminated soil containing less than one percent total FCO1-FCO5 constituents by weight? [268.30(a)(3)]   | _YesNo         | √ Some  |
| 5. Any extensions/petitions approved?  | _ Yes 🗸 No     | •   |
| BDAT Treatability Group - Treatment Star   | rdards Identi: |   |
| <ol> <li>Did the generator correctly determine<br/>the appropriate treatability group<br/>and treatment standards of the waste<br/>[§268.41]. Wastewaters containing<br/>solvents; spent methylene chloride<br/>in pharmaceutical wastewaters;<br/>all other spent solvent wastes]?</li> </ol> | _ Yes No       | not required to<br>maintain certif./n<br>on site. |
| Waste analysis   |                |   |
| <ol> <li>Did the generator determine whether<br/>the waste exceeds treatment standards<br/>based on §268.7(a):</li> </ol>  |                | _   |
| a. knowledge of the waste  | Yes/No         | waste analysis                                    |
| b. TCLP  | Yes/ No        | in adigvate                                       |
| If knowledge, note how this is adequa  | te: NA         |   |
| If determined by TCLP, provide date of last test, frequency of testing, and attach test results.   | NA             |   |
| Dates/frequency:   |                | ,   |
| -  |                |   |

| 2.  | Did the F-solvent wastes exceed                                | Comments   |
|-----|--|--|
|     | applicable treatability group                                  | Not known.   |
|     | treatment standards upon generation [§268.7(a)(2)]?            |  |
|     | garetation (1200.7(27(27)                                      |  |
| 3.  | Did the generator dilute the waste or the treatment residual   | adogratel character  |
|     | so as to substitute for  | · / the incoming dastes it   |
|     | adequate treatment [\$268.3]                                   | that does not adequately character the incoming wastes it wastes it was quently remanifest.        |
| Mai | nagement   | ,  |
| 1.  | On-site management   |  |
|     | a. Were F-solvent wastes managed<br>on-site?                   | YesNo  |
|     | If yes, answer 1(b) and (c); if n                              | o, answer 2.   |
|     | b. For wastes that exceed treatment                            |  |
|     | standards, was treatment, storage and/or disposal conducted?   | YesNo  |
|     | If yes, TSDF Land Restriction che                              | ecklist must be completed.   |
|     | c. Are test results maintained                                 | In past y generator has  In past y generator has  only very variety tistic  But appears, from sept |
|     | in the operating record?                                       | But appears, from sept   |
| 2.  | Off-site management  | 87 perating record,<br>-that in house testing<br>will be done frequente                            |
|     | a. If F-solvent wastes exceed                                  | -tuat In-house testing   |
|     | treatment standards, did                                       | AND recorded in lab !  |
|     | <pre>generator provide treatment facility [268.7(a)(1)]:</pre> |  |
|     | (i) EPA waste number?  | Yes V No Used incorrect codes  |
|     | (ii) Applicable treatment                                      |  |
|     | standard?  | Yes No Not Known - generator   |
|     | (iii)Manifest number?  | ves _ not required to maintain notification in operating record.                                   |
|     |  | in operating vecord.   |
|     | <pre>(iv) Waste analysis data,   if available?</pre>           | Yes No Not Known if available  |
|     |  | Not inoperating record   |
|     | Identify off-site treatment facil                              | It vine Hill, U. s. Pollution Control  |
|     | Solvent Services. Baron  | Blakeslee, Romic, NW ENV. Serv.  |
|     |  |  |

E.

|    |       |  |  |               | ID Numi<br>Inspec<br>Date: |  |      |
|----|-------|--|--|---------------|----------------------------|--|------|
|    | ъ.    | trea:  | -solvent wastes does not extend the standards, did rator provide the disposal lity [268.7(a)(2)]:  |               | ,                          | Comments   |      |
|    |       | (i)  | EPA Hazardous waste number   | ? Yes         | i₩o                        | Used incorrect codes   |      |
|    |       | (ii)   | Applicable treatment standard?   | Yes           | No                         |  |      |
|    |       | (iii   | )Manifest number?  | ✓_Yes         | No                         |  |      |
|    |       | (iv)   | Waste analysis data, if available?   | Yes           | √ No                       | Not knewn if available<br>Not in operating reco                        | d    |
|    |       | (v)  | Certification regarding waste and that it meets treatment standards?   | Yes           | No                         | Not Known. No requirement that yellerators maintain these documents on |      |
|    |       | rece   | tify land disposal facilitiving the BDAT certified es. Casmalia, Chem U  | les<br>Vaste, | 0                          | releatirs maintain<br>these documents on                               | 5,   |
|    | c.    | wide<br>mixt<br>(268<br>does<br>to d<br>from | aste is subject to nation-<br>variance (e.g., solvent-wariance (e.g., solvent-wariance less than 1%), extension (268.6) generator provide notice isposer that waste is exempled and disposal restrictions (7(a)(3)]? | on<br>pe      |                            | Not known (see be about  | v) e |
| F. | Stora | ge of  | P-solvent waste  |               |                            | •  |      |
|    | g     | reate  | solvent waste stored for<br>r than 90 days (after<br>ce 180/270 days for SQG)?   | Yes           | No                         |  |      |
|    |       |  | , was facility operating interim status or permit?   | Yes           | No                         | er s. É.   |      |
|    | I     | f yes  | , TSDF Checklist must be o   |               | ore for                    |  |      |

| Date |  |  |
|------|--|--|
|------|--|--|

| G. | Treatment | Using | RCRA | 264/265 | Exempt | Units | or | Processes |
|----|-----------|-------|------|---------|--------|-------|----|-----------|
|----|-----------|-------|------|---------|--------|-------|----|-----------|

Residuals from RCRA-exempt treatment units are subject to Land Disposal Restrictions Program. Ascertain whether residuals have been subjected to restriction program requirements.

| Inspector: |  |
|------------|--|
| Date:      |  |
|            |  |

### APPENDIX A

### SOLVENT IDENTIFICATION CHECKLIST

Comments

| 1. | Does the handler generate any of the following FOOL constituents (i.e., spent halogenated solvents used in degreasing) as a result of being used in the process either in pure form or commercial grade?  tetrachloroethylene | Yes<br>Yes<br>Yes<br>Yes<br>Yes               | NA<br>tractro<br>re | - Generator us fer facility m other gene manifests wo No | ragiand<br>to waste<br>and |
|----|---|---|---------------------|--|----------------------------|
| 2. | Does the handler generate any of the following F002 constituents (i.e., spent halogenated solvents) as a result of being used in the process either in pure form or commercial grade?   |   |                     |  |                            |
|    | tetrachloroethylene trichloroethylene methylene chloride 1,1,1-trichloroethane chlorobenzene trichlorofluoromethane 1,1,2 trichloro 1,2,2-trifluoroethane ortho-dichlorobenzene 1,1,2-trichloroethane                         | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes |                     | No<br>No<br>No<br>No<br>No<br>No<br>No<br>No   |                            |
| 3. | Does the handler generate any of the following F003 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?                                      |   |                     |  |                            |
|    | xylene acetone ethyl acetate ethyl benzene ethyl ether methyl isobutyl ketone n-butyl alcohol cyclohexane methanol  | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes |                     | No<br>No<br>No<br>No<br>No<br>No<br>No   |                            |

|  | Date:  |                |
|--|--|----------------|
| If the FOO3 wastestream has been mixed with a solid waste, does the resultant mixture exhibit the ignitability characteristic?   | Yes No   | Comments<br>NA |
| Does the handler generate any of the following FOO4 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?   |  |                |
| cresols and cresylic acid  | Yes No   | ·              |
| Does the handler generate any of the following FOO5 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?   |  |                |
| toluene methyl ethyl ketone carbon disulfide isobutanol pyridine benzene 2-ethoxyethanol 2-nitropropane  | Yes No |                |
| Are any of the constituents listed in the questions 1-5 used for their "solvent" properties — that is to solubilize (dissolve) or mobilize other constituents? The following questions will be helpful in confirming this determination. | Yes No   |                |
| (a) Chemical carriers?   | Yes No   | <b>→</b>       |
| If the answer is yes, list the constitue   | nts.   |                |
| (b) Degreasing/cleaning?   | Yes No   |                |
| If the answer is yes, list the constitue   | ents.  |                |

| . <del>८ - ७</del> १३ - <b>ड</b>   | Handler Na<br>ID Number:<br>Inspector:<br>Date: |                    |
|--|---|--------------------|
| (c) Diluents?  | Yes No  | Comments           |
| If the answer is yes, list the constituen                                    | ts.   | NA                 |
| (d) Extractants?   | Yes No  | ·                  |
| If the answer is yes, list the constituer                                    | ts.   |                    |
| (e) Fabric scouring?   | YesNo   |                    |
| If the answer is yes, list the constituer                                    | its.  |                    |
| (f) Reaction and synthesis media?  | Yes No  |                    |
| If the answer is yes, list the constituer                                    | nts.  |                    |
|  |   | 7                  |
| If questions 1-6 led the inspector to 1 answer question 7.                   | believe the waste ma                            | ay be an F-solvent |
| 7. Are any of the above constituents spent solvents? A solvent is considered |   |                    |
| "spent" when it has been used and is no longer used without being            |   |                    |
| regenerated, reclaimed, or otherwise reprocessed.                            | Yes No  |                    |

| Inspector: |  |
|------------|--|
| unbecm:    |  |
| Date:      |  |
| vace:      |  |
|            |  |

8. If the waste is a mixture of constituents as determined in questions 1-6, answer this to determine whether it is a "solvent mixture" covered by the listings.

If the wastestream is mixed and contains more than one of the FOOl-FOO5 constituents listed in questions 1-5 (by volume), give the concentration before use of all the constituents in the solvent mixture/blend. For example:

Comments

NA

5% methylene chloride 2% trichloroethylene

25% l.l.l-trichloroethane

68% mineral spirits

100\$

If the wastestream is a mixture containing a total of 10% or more (by volume) of one or more of the FOO1, FOO2, FOO4, or FOO5 listed constituents before use, it is a listed waste.

With respect to the F003 solvent wastes, if, before use, the wastestream is mixed and contains only F003 constituents, ii is a listed waste. For example:

33% acetone

16% methanol

51% ethyl ether

100%

If the wastestream is a mixture containing F003 constituents and a total of 10% or more of one or more of the F001, F002, F004, and F005 listed constituents before use, it is a listed waste. For example:

50% xylene F003 12% TCE F001 38% mineral spirits, 100%

If in light of the above, the handler appears to be generating FOO1-FOO5 hazardous wastes, refer this facility to the enforcement official for follow-up actions veryifying the use of solvents at the facility.

|      | TREATMENT, STORAGE, AND DISPO  | SAL REQUIRE  | MENTS CHECKLI | ST Jacobs Engineer<br>Tel. No.<br>Martinez CA | · n        |
|------|--|--------------|---------------|---|------------|
| ı.   | FACILITY IDENTIFICATION  |              |               | (415) 228-9700                                | )          |
|      | Bay Area Environmenta  | 1 (1)        | 25 Hensley    | Street  |            |
| A.   | Facility Name  |              |               | (or other identified                          |            |
|      | Richmond Ca  | lifornia     | 94804         | Contra Costa                                  | ۲_         |
| c.   | City D. St   |              |               | e F. County                                   |            |
|      | TSD with permit for sto  | rage =       |               | aste collection, s                            |            |
| G.   | Nature of business; identification o   | f operation  | s a           | nd transfer facili                            | itz        |
|      | CAT 080 014079   |              |               |   |            |
| н.   | David Burton, Facility M   | lanager      | (415) 2       | 33 8001                                       |            |
| Ī.   | Facility Contact (Name and Phone Num   |              |               |   |            |
| TT 1 | Pour consider facilities complete  | the concept  | am abaaldisk  | Comments                                      |            |
| II.  | A. For on-site facilities, complete  | the generat  | or checklist  |   |            |
| Ę    | General Facility Standards   |              |               |   |            |
|      | Was waste analysis plan revised properly to cover Part 268 requirements [§264.13 or 265.13]?   | Yesv         | <u>_</u> No   |   |            |
|      | chemical and physical analysis of waste(s) and residues?                                       | Yes          | _No           |   |            |
|      | a. Did testing include analyses for<br>all FOO1-FOO5 constituents?                             | Yes          | _No           |   |            |
|      | b. Were analyses performed using TCLP?   | Yes _        | No            |   |            |
|      | c. Were analyses conducted onsite offsite (identify offsite lab)?                              | or on        | Off: N/A      |   | <b>-</b> , |
|      | d. Describe frequency of sampling:   | <b>ル/</b> Д  |               | conducted routine                             | الم        |
|      | e. Describe procedures used to identify manifest discrepancies                                 | Proc         | cedures not c | lefined                                       | _          |
| 3    | Are the waste analysis plans accept [§264.13/265.13]?  | able<br>Yes/ | No            |   |            |
| 4    | Are the operating records, including<br>analyses and quantities, complete<br>[§264.73/265.73]? | ygYes√       | No            |   |            |

|  | Facility: ID Number: Inspector: Date: |
|--|---------------------------------------|
| Storage (§268.50)  | Comments                              |
| 1. a. Were FOO1-FOO5 wastes exceeding treatment standards stored?  | √ Yes · No                            |
| If no, go to "C"   |                                       |
| b. Are all containers and tanks<br>clearly marked to identify<br>contents and date(s) entering<br>storage?   | Yes VNo Date entered                  |
| c. Do operating records track<br>the location, quantity and<br>dates wastes exceeding<br>treatment standards   |                                       |
| entered and were removed from storage?   | YesNo                                 |
| d. Do operating records agree with<br>container/tank labeling?   | No                                    |
| e. Is waste exceeding treatment<br>standards stored for<br>less than 1 year?   | √Yes _No                              |
| If yes, can you show that such accumulation is <u>not</u> necessary to facilitate proper recovery treatment or disposal?   | Yes                                   |
| If yes, state how:   | 4.25                                  |
| f. Were tanks emptied and containers<br>sent for treatment at least once<br>per year, and do operating records<br>show that the volume of waste<br>removed from tanks annually at<br>least equals tank volume? | Yes No                                |
| g. Was/is waste exceeding treatment<br>standards stored for more<br>than one year?   | YesNo                                 |

в.

|              | $ eq x^{-1}$                                     | ID Number:  |                          |
|--------------|--|-------------|--------------------------|
|              |  | Inspector:  |                          |
|              |  | Date:       |                          |
|              |  |             |                          |
|              |  | Comm        | ents                     |
|              | If yes, state the owner/operators'               | <del></del> |                          |
|              | proof that such storage was solely               |             |                          |
|              |  |             |                          |
|              | for the purpose of accumulation of               |             |                          |
|              | such quantities of hazardous waste               |             |                          |
|              | as are necessary to facilitate                   | •           |                          |
|              | proper recovery, treatment, or                   |             |                          |
|              |  |             |                          |
|              | disposal:  |             |                          |
|              |  |             |                          |
|              | h. Are F-solvent wastes exceeding                |             | 1) I Linnount            |
|              | treatment standards "stored"                     | /           | No Tream voccou          |
|              | in surface impoundments?                         | es √ No     | No treatment<br>on site. |
|              |  |             |                          |
| c.           | Treatment in Surface Impoundments (§268.4        | L <b>Y</b>  | N A                      |
| •            | 12-03-04-05-05-05-05-05-05-05-05-05-05-05-05-05- | • •         |                          |
| 1            | Were F001-F005 wastes exceeding                  |             |                          |
|              |  |             |                          |
|              | treatment standards                              |             |                          |
|              | placed in surfaceY                               | es _√ No    |                          |
|              | impoundments for treatment?                      | <del></del> |                          |
|              | •  |             | 1                        |
| 1            | If no, go to "D"                                 |             |                          |
| •            | 11 127 30 40 5                                   |             |                          |
| 3            | Page the facilities have acceptable              |             |                          |
| 4.           | Does the facility have acceptable                |             |                          |
|              | evidence that treatment                          |             |                          |
|              | occurs in the impoundment?                       | ies No      |                          |
|              | If yes, note the evidence                        | . —         |                          |
|              |  | <del></del> |                          |
| 3.           | Have representative samples                      |             |                          |
| ٦.           |  |             |                          |
|              | of the sludge and supernatant                    |             |                          |
|              | from the surface impoundment                     |             |                          |
|              | been tested separately, acceptably               |             |                          |
|              | and in accordance with the sampling              |             |                          |
|              |  |             |                          |
|              | frequency and analysis specified                 |             |                          |
|              | in the waste analysis plan, and are              |             |                          |
|              | the results in the operating record?             | es No       | 1                        |
|              |  |             |                          |
| 4.           | Did the hazardous waste residue                  |             |                          |
| 7.           |  |             | 1                        |
|              | (sludge or liquid) exceed the                    |             |                          |
|              | treatment standards specified                    |             |                          |
| •            | in §268.41?                                      | es No       |                          |
|              | <del></del>                                      |             |                          |
| 5.           | Provide the frequency of analyses                |             |                          |
|              | conducted on treatment residues:                 |             |                          |
|              |  |             | +                        |
| 6            | Have the hazardous waste                         |             |                          |
| <del>.</del> |  |             |                          |
|              | residues that exceed the                         |             | 1                        |
|              | treatment standards (§268.41)                    | •           | 1                        |
|              | been removed adequately,                         |             |                          |
|              |  | es No DNA   | 1                        |
|              |  |             |                          |
|              |  |             | Comments                 |
|              |  |             | <u>-</u>                 |

|             | •  |          | Date:   |        |
|-------------|--|----------|---------|--------|
|             | (a) If answer to 6 is no and supernatant is determined to exceed treatment concentrations, is annual throughput greater than impoundment volume?                                   | _YesNo   | N       | A<br>[ |
| ,           | If residues were removed annually, were adequate precautions taken to protect liners and do records indicate that inspections of liner integrity are performed?                    | _YesNo   |         |        |
| ī           | when removed, were solvent wastes managed subsequently in another surface impoundment?   | _YesNo   |         |        |
|             | Then removed, were wastes treated prior to disposal?   | Yes_No   |         |        |
|             | a) If yes, are waste residues treated on-site or off-site:   | Onsite   | Offsite |        |
| (t          | o) Identify management method:   |          |         |        |
|             |  |          |         |        |
| 5           | is the information on Nos. 3-9 above dequately documented in the waste malysis plan and operating record?  | Yes_No   |         |        |
|             | Nave the minimum technology requirements( §264.221 or 265.221) been met?   | _Yes _No |         |        |
| ħ           | If the minimum technology requirements have not been met, has a waiver (268.4 been granted for that unit(s)?   |          |         |        |
|             | lave the Subpart F ground-water moni-<br>coring requirements been met?   | _YesNo   |         |        |
| t<br>m<br>a | oid the facility submit a certifi-<br>ration of compliance with minimum<br>sechnology and groundwater<br>conitoring requirements,<br>and the waste analysis plan<br>to the Agency? | _YesNo   |         |        |
|             | ·  |          | Commen  | ts .   |
|             |  |          |         |        |
|             |  |          |         |        |

| -  | Did the facility operate treatment facilities for F-solvent waste (not including surface impoundments)?   | Inspector: Date:  No treatment on site.  NA |
|----|---|---|
|    | If no, go to "E"  Describe the treatment processes for F-solvent wastes:  |   |
| 3. | Does the facility, in accordance with an acceptable waste analysis plan, verify that the residue extract from all treatment processes for the F-solvent wastes are less than treatment standards [§268.7(b)]?  Yes_No   |   |
| 4. | Describe frequency of testing of treatment residuals.   | 1   |
| 5. | Was dilution used as a substitute for treatment?  Yes No  |   |
| 6. | Are certifications and results of waste analyses kept in the operating record?_YesNo  | :<br>•<br>:                                 |
| 7. | Are notices with waste number, treatment standard, manifest number, and analytical data (where available) submitted for each shipment of waste or treatment residual that meets the treatment stating that waste has been treated to treatment performance standards [§268.7(b)]?  Yes No |   |
| 8. | Are certifications submitted for each shipment [\$268.7(b)]? Yes_No   |   |

7

Facility:

|    | Date  |    |                       |
|----|---|----|-----------------------|
| E. | Land Disposal   |    |                       |
| 1. | Were F-solvent wastes placed in land disposal units (landfills, surface impoundments[for this question, do not include if in "C"] waste piles, wells, land treatment units, salt domes/beds, mines/caves, concrete vault or bunker?  Yes No | NA | No land<br>clie posal |
| 2. | Did facility have the notice and certification from generators in its operating record [§§268.7(c); 268.7(a),(b)]? Yes No   |    |                       |
| 3. | Did the facility obtain waste analysis data through testing of the waste to determine that the wastes are in compliance with the applicable treatment standards [§268.7(c)]YesNo  |    |                       |
|    | If yes, at what frequency?  |    |                       |
| 4. | Were F-solvent wastes exceeding the treatment standards placed in land disposal units [268.30](excluding national capacity variances[268.30(a)] Yes_No  If yes, did facility have an approved waiver based on no migration petition         |    |                       |
|    | [268.6] or approved case-by-case capacity extension [268.5] or variance [268.44] Yes No   |    |                       |
| 5. | Were F-solvent wastes subject to a national or case-by case capacity variance/extension disposed?YesNo  |    |                       |
|    | a. If yes, were these wastes disposed in a facility that has a new, replacement, or laterally expanded landfill or impoundment? Yes No  |    |                       |
|    | If (a) is yes, have the minimum technology requirements been met for all such units at the facility?YesNo   |    |                       |
|    | If (a) is yes, has the minimum technology requirements inspection been performed?  Yes_No   |    |                       |

| -  | -u -   |        | Inspector |   |
|----|--|--------|-----------|---|
|    | <b>,</b>   |        | Comments  |   |
| 6. | Were adequate records of disposal maintained?  | _YesNo | NA        | - |
| 7. | If wastes subject to a nationwide variances, case-by-case extensions [268.5], or no migration petitions [268.6] were disposed, does facility have notices [268.7(a)(3)] and records of disposal? | YesNo  |           |   |
| 8. | What is the volume of F-solvent waste disposed to date (by waste)?   |        |           |   |
| 9. | If the facility has a case-by-case extension, can the inspector verify that the facility is making progress as described in progress reports?  | _YesNo |           |   |

# ATTACHMENT C CALIFORNIA LIST WASTE CHECKLIST

# California List Waste

| 1) | Does the handler generate the following wastes?   |
|----|---|
|    | a. Liquid hazardous wastes having a PH less than or equal to two [2.0]?   |
|    | b. Liquid hazardous wastes containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm?  Y N 500 ppm?   |
|    | c. Liquid hazardous wastes that are primarily water and contain halogenated organic compounds (HOCs) in total concentration greater than or equal to 1000 mg/l and less than 10,000 mg/l HOCs?  |
| 2) | a. Is the Paint Filter Liquids Test (PFLT method 9095) performed as described by SW-846 to determine whether waste is in liquid form?  Y N  |
|    | b. Did facility obtain representative chemical and physical analysis of wastes and residues [264.13(a) 265.13(a)]? Y N  |
| 3) | If waste was determined to be in liquid state according to PFLT, was waste solidified using an absorbent?   |
| 4) | What type absorbent was used? NA  |
| 5) | What type of waste was absorbent added to (refer to question 1)? (Check where applicable) $NA$  |
|    | a. Liquid hazardous waste having a PH less than or equal<br>to 2  |
|    | <ul> <li>b. Liquid hazardous waste containing PCB in concentrations greater than 50 ppm; greater than 500 ppm</li> <li>c. Liquid hazardous waste containing HOCs in concentrations greater than or equal to 1000 mg/l and less</li> </ul> |
|    | than 10,000 mg/l  |
| 6) | Did handler determine whether the concentration levels (not extract or filtrate) in the waste equal or exceed the prohibition levels or whether waste has a PH less than or equal to two [2.0] based on:                                  |
|    | a. Knowledge of wastes  Y  N  Did not determine   |

If knowledge, note how this is adequate:

|         | 7)  | exceed cyanide & metals treatment standards?  |
|---------|-----|---|
|         |     | b. List test method used.   |
|         |     | b. Bist test method used.   |
|         |     | c. List constituent and concentration level which exceeded prohibition levels.  |
|         |     |   |
|         | 8") | Did generator treat waste on-site or send off-site (Identify  |
|         | •,  | off-site facility)? Solvent Serv., Romic, Baron Blakeslee, IT vine Hill USPCSI, NWES                                    |
|         | 9)  | If waste was determined to be restricted from land disposal   |
|         |     | (i.e., liquid, exceeding concentration levels and/or  |
|         |     | PH less than 2.0) did handler provide treatment facility:   |
|         |     | (i) EPA waste number?  (ii) Specified treatment standard?  Y Waste code N vot alway N Correct                           |
|         |     | (ii) Specified treatment standard?  |
|         |     | (iii) Manifest number?  |
|         |     | (i) EPA waste number? (ii) Specified treatment standard? (iii) Manifest number? (iv) Waste analysis data, if available? |
|         | 101 |   |
|         | 10) | Did generator/treater dispose of waste on-site or send off-site?  |
|         |     | Identify off-site disposal facility Casmalia  |
|         | 11) | If waste was determined not restricted from land disposal, did handler provide disposal facility with:                  |
|         |     | (i) EPA hazardous waste number? Y Y N deferm  |
| رو نوغر |     | - (ii) Manifest number? Y N mode  |
|         |     | (iii) Waste Analysis Data, if available? Y N  |
|         |     | (iv) Specified treatment standard? Y Y N  |
|         |     | (v) Certification that waste passed   |
|         |     | PFLT (non-liquid), or does not  |
|         |     | exceed specified prohibition levels? Y N  |
|         |     |   |
|         | 12) | Are restricted wastes containing PCBs (i.e., concentration  |
|         |     | greater than or equal to 50 ppm) stored greater than 1 yr?  |
|         |     | YN  |
|         | 13) | Does facility handle any of the following waste:  |
|         | ,   | a.  |
|         |     | <ul><li>(i) Waste containing HOC greater than or equal to</li></ul>   |
|         |     | 1000 mg/kg (non-liquid hazardous waste) Y N   |
|         |     | Y N   |
|         |     | (ii) Waste containing HOC greater than or equal to  |
|         |     | 10,000 mg/l (liquid hazardous waste)  |
|         |     | YN  |
|         |     | (iii) Wasto containing MOC greater than 1000 /1 and loss  |
|         |     | (iii) Waste containing HOC greater than 1000 mg/l and less<br>than 10,000 mg/l and are not dilute HOC waste water?      |
|         |     |   |
|         |     | YN  |
|         |     |   |
|         |     | yanide and metals concentration levels not yet codified in egulation. Statutory levels under 3004(d)(2) should be used. |
|         | K   | egulation. Statutory revers under 3004(d)(2) should be used.  |

|     |           | If yes, answer 13(b) and (c), if no, answer 14.   |
|-----|-----------|---|
| 13) | b.        | Is any waste listed in 13(a) disposed of in a land fill NA or surface impoundment?  |
|     |           | If yes, continue, if no answer 14.  |
|     | <b>c.</b> | Is facility in compliance with section 268.5(h)(2) [New, vertically expanded units must meet minimum technology requirements] and section 264 & section 265 Subpart F ground-water monitoring requirements? |
|     |           | YN  |
| 14) |           | facility handles any liquid hazardous waste containing $NA$ somplete the following section:   |
|     | a.        | List concentration levels of PCB in waste stream(s)  (ppm)  handled   |
|     | b.        | Describe method of treatment/disposal of wastes(s) listed in section (a) and identify facility receiving this waste   |
|     |           |   |
|     | c.        | Does facility perform any type of mixing of PCB containing liquid hazardous waste with same or other types of wastes or liquids?  Y N   |
|     | d.        | If yes, state reason for mixing:  |
|     |           |   |
|     |           |   |

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# ATTACHMENT D CORPORATE HOLDINGS

The Magana Group of Companies
(An independent group of corporations controlled by
the J. Jesus Magana family)
Notes to the Financial Statements
December 31, 1986

A. Summary of Companies and Operations

J. Jesus Magana Corporation was incorporated in 1978 under the laws of California, and is a general contractor in the oil refinery maintenance field.

Magana, Dowling & Wahbeh Corporation (doing business as MDW Industrial services) was incorporated in 1979 under the laws of California, and is a general contractor and engineering firm specializing in providing labor services primarily to the oil refinery industry in the waste management field.

Bay Area Environmental, Inc. was incorporated in 1985 under the laws of California, and is a general contractor and holder of a permit to operate a Hazardous Waste Facility which acts as a transfer station to hold toxic waste at the real property owned by J. Jesus Magana Corporation. Consulting and contracting services are provided to primarily small businesses and individuals in the area of hazardous and toxic waste management, clean up and disposal. Bay Area Environmental, Inc. has assumed the lease on the laboratory equipment operated by Chemical Analysis, Inc. and is currently operating this facility.

Martinez Industrial Services, Inc. was incorporated in 1985 under the laws of California, and is a general contractor specializing in solid and liquid waste management and clean up.

Pyramid Industrial Services, Inc. (operating under the name of Pyramid Solid Waste Systems) was operated as partnership from the acquisition of the entity by the J. Jesus Magana corporation in 1985, with J. Jesus Magana Corporation owning a 90% interest in the partnership. Pyramid Solid Waste Systems is in the business of selling and servicing industrial trash compactors to business entities. As of January 1, 1987, the corporation was activated to operate this company which sells and services industrial trash compactors to businesses.

American Compactor Systems, Inc. was incorporated under the laws of California in 1986, with its primary business purpose being the rental of industrial trash compactors to industry and retail operations. The compactors are acquired and serviced by Pyramid Industrial Systems, Inc.

B. Summary of Significant Accounting Policies.
The books of account of the various companies have been maintained on both the cash and accrual basis for the companies, although currently all the records are being converted to the accrual method of accounting.

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# ATTACHMENT E HAZARDOUS WASTE FACILITY PERMIT

Operator:

GEORGE DEUKMEJIAN, GOV

DEPARTMENT OF HEALTH SERVICES 2151 BERKELEY WAY BERKELEY, CA 94704 (415) 540-2043



Bay Area Environmental Facility:

1125 Hensley Street

Richmond, CA 94804

J.J. Magana Corporation

P.O. Box 579

San Pablo, CA 94806

Hazardous Waste Facility Permit

Number: CAT 080014079

Effective Date: August 2, 1983 Expiration Date: August 2, 1988

Pursuant to Section 25200 of the California Health and Safety Code, this Hazardous Waste Facility Permit is hereby granted to Bay Area Environmental subject to the

conditions set forth in Attachment A which by this reference is incorporated herein.

Richard P. Wilcoxon, Chief

Toxic Substances Control Division

# EPARTMENT OF HEALTH SERVICES 1 BERKELEY WAY 1.46LEY, CA 94704 1.5) 540-2043

# Attachment 1



| Facility: | Bay Area Environmental<br>1125 Hensley Street<br>Richmond, CA 94804 | `)<br>}<br>}     | Hazardous Waste Facility Permit  Number: CAT 080014079  Effective Date: Expiration Date: |
|-----------|---|------------------|--|
| Operator: | J.J. Magana Corporation P.O. Box 579 San Pablo, CA 94806            | )<br>)<br>)<br>) |  |

Pursuant to Section 25200 of the California Health and Safety Code, this Hazardous Waste Facility Permit is hereby granted to <u>Bay Area Environmental</u> subject to the conditions set forth in Attachment A which by this reference is incorporated herein.

|       | d P. WII COX | ,       |          |  |
|-------|--------------|---------|----------|--|
| Toxic | Substances   | Control | Division |  |
|       |              |         |          |  |
|       |              |         |          |  |
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|       |              |         |          |  |
|       |              |         |          |  |
| Date  |              |         |          |  |

#### ATTACHMENT A

#### Hazardous Waste Facility Permit

Bay Area Environmental 1125 Hensley Street Richmond, CA 94804

#### I. DESCRIPTION OF FACILITY

# 1. Ownership, Operations, and Location

Bay Area Environmental is developing a transfer station in Richmond, California, Contra Costa County. The facility will collect, receive, and store containerized hazardous wastes from householders and industrial establishments before transferring the wastes to a Class I disposal site. Wastes will be recycled whenever possible.

# 2. Compliance with California Environmental Quality Act

A Negative Declaration has been prepared for this project and approved by the California State Department of Health Services on June 27, 1983 in accordance with the California Environmental Quality Act.

# II. GENERAL CONDITIONS

# 1. Effect of Permit

The owner or operator is permitted to store and handle hazardous wastes in accordance with the conditions of this permit. Any storage and/or handling of hazardous wastes not authorized in this permit is prohibited. Compliance with this permit constitutes compliance, for purposes of enforcement, with the provisions of the California Health and Safety Code, including Chapter 6.5. Division 20, and with the minimum Standards for Management of Hazardous and Extremely Hazardous Wastes (Chapter 30, Division 4, Title 22, California Administrative Code). Issuance of this permit does not convey property rights of any sort or any exclusive privilege, nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of federal, state, or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment for any imminent and substantial endangerment to human health or the environment.

# 2. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause as specified in Sections 122.15, 122.16, and 122.17, Title 40, Code of Federal Regulations (CFR), or at the discretion of the California State Department of Health Services in order to protect public health or the environment. A new facility permit condition or a modification of an existing facility permit condition shall become effective on the date that written notice of such change is received by the owner or operator. The filing of a request for

a permit modification, revocation and reissuance, or termination or the modification of planned changes or anticipated noncompliance on any part of the owner or operator does not stay the applicability or enforceability of any permit condition.

# 3. Need to Halt or Reduce Activity

It shall not be a defense for the owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

# 4. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

#### 5. Operation Plan

The owner or operator must submit to the California State Department of Health Services an operation plan. By the issuance of this permit, this operation plan, dated April 11, 1983, subsequent revisions and as amended by a letter dated June 10, 1983, are hereby approved. The plan shall be maintained at the facility at all times until closure is completed. This operation plan and any subsequent revisions and amendments thereof, subject to the approval of the California State Department of Health Services, are by this reference made part of this permit. Specific sections of the operation plan are referenced elsewhere in this permit. If there are inconsistencies between the permit and the operation plan the permit supercedes the operation plan.

# 6. General Responsibilities of Operator

# (a) Compliance

The owner or operator shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any permit noncompliance constitutes grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application.

# (b) Reapplication

If the owner or operator wishes to continue an activity regulated by this permit after the expiration date of this permit, the owner or operator must submit a completed application for a new permit at least 180 days before this permit expires.

# · (c) Permit Expiration

This permit and all conditions therein will remain in effect beyond the permit expiration or termination date if the owner or operator has submitted a timely, completed application and, through no fault of the owner or operator, the California State Department of Health Services has not issued a new permit.

# (d) Mitigation

The owner or operator shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from non-compliance with this permit.

## (e) Operations and Maintenance

The owner or operator shall at all times properly operate and maintain all facilities of storage and control (and related appurtenances) which are installed or used by the owner or operator to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facility or similar systems only when necessary to achieve compliance with the conditions of the permit.

#### (f) Submittal of Requested Information

The owner or operator shall furnish to the California State Department of Health Services, within a reasonable time, any relevant information which the California State Department of Health Services may request to determine whether cause exists for modifying, revoking, and reissuing, terminating this permit, or to determine compliance with this permit. The owner or operator shall also furnish to the California State Department of Health Services, upon request, copies of records required to be kept by this permit.

# (g) <u>Inspection</u> and <u>Entry</u>

The owner or operator shall allow authorized representatives of the California State Department of Health Services or the local health agency, upon the presentation of credentials and other documents as may be required by law to:

- (1) Enter at reasonable times upon the owner's or operator's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (3) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

(4) Sample or monitor, at reasonable times, for the purposes of assuring permit compliance or, as otherwise authorized by law, any substances or parameters at any location.

# (h) Monitoring and Records

- shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix 1 of 40 CFR Part 261 or an equivalent method approved by the California State Department of Health Services. Laboratory methods must be those specified in the approved operation plan.
- (2) The owner or operator shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by this permit, and records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report, or record. These periods may be extended by request of the regional administrator at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
- (3) Records of monitoring information shall include:
  - (i) The date, exact place, and time of sampling or measurements;
  - (ii) The individual(s) who performed the sampling or measurements;
  - (iii) The date(s) analyses were performed;
  - (iv) The individual(s) who performed the analyses;
  - (v) The analytical techniques or methods used; and
  - (vi) The results of such analyses.

# (i) Planned Changes

The owner or operator shall give notice to the California State Department of Health Services, as soon as possible, of any planned physical alterations or additions to the permitted facility.

# (j) Anticipated Noncompliance

The owner or operator shall give advance notice to the California State Department of Health Services of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

#### (k) 24-Hour Reporting

The owner or operator shall report to the California State Department of Health Services any noncompliance which may endanger health or the environment. Any information shall be provided verbally within 24 hours from the time the owner or operator becomes aware of the circumstances. The following shall be included as information which must be reported verbally within 24 hours:

- (1) Information concerning release of any hazardous waste that may cause an endangerment to public drinking water supplies.
- (2) Any information of a release or discharge of hazardous waste, or of a fire or explosion from the facility, which could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:
  - (1) Name, address, and telephone number of the owner or operator;
  - (ii) Name, address, and telephone number of facility;
  - (iii) Date, time and type of incident;
  - (iv) Name and quantity of material(s) involved;
  - (v) The extent of injuries, if any;
  - (vi) An assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and
  - (vii) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within five days of the time the owner or operator becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the periods of noncompliance (including exact dates and times), and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The owner or operator need not comply with the 5-day written requirement if the California State Department of Health Services waives that requirement and the owner or operator submits a written report within 15 days of the time the owner or operator becomes aware of the circumstances.

# (1) Other Noncompliance

The owner or operator shall report all other instances of noncompliance not otherwise required to be reported at the time monitoring or other

reports are submitted. The reports shall contain the information listed in II.6 (k) above.

# (m) Other Information

Where the owner or operator becomes aware that he failed to submit any relevant facts in the permit application or submitted incorrect information in a permit application or any report submitted to the California State Department of Health Services, the owner or operator shall promptly submit such facts or information.

# 7. Signatory Requirement

All reports or other information requested by the California State Department of Health Services shall be signed by the owner or operator or the corporations' principal executive officer or, at least, the level of vice president. The person signing the document shall make the following certification:

"I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

# 8. Certification of Construction

The owner or operator may not commence storage or transfer of hazardous wastes at the facility nor in a modified portion of that facility until:

- (a) The owner or operator has submitted to the California State Department of Health Services by certified mail or hand delivery a letter signed by the owner or operator and an appropriate engineer registered in California stating that the facility has been constructed in compliance with the permit; and
- (b) (1) The California State Department of Health Services has inspected the constructed facility and finds it is in compliance with the conditions of the permit; or
  - (2) The California State Department of Health Services has either waived the inspection or has not within 15 days notified the owner or operator of his or her intent to inspect.

# 9. Transfer of Permit

This permit may be transferred to a new owner or operator only if it is modified or revoked and reissued pursuant to Section 122.15 (b) (2) or 122.17 (d), Title 40, CFR. The owner of operator shall notify the California State Department of Health Services of a proposed change in ownership of the

facility at least 30 days prior to the date of the transfer. Furthermore, before transferring ownership or operation of this facility during its operating life, the owner or operator shall notify the new owner or operator in writing of the requirements of this permit and the permitting process. A copy of this notification shall be submitted to the California State Department of Health Services.

#### 10. Compliance Schedules

Reports of compliance or noncompliance with, or any reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each scheduled date.

#### 11. Records

- (a) The owner or operator shall maintain at his place of business and at the facility, until closure is completed and certified by an independent registered engineer in California so as to be available at all times to operating personnel, the following documents and amendments, revisions and modifications to these documents:
  - (1) Waste Analysis Plan
  - (2) Contingency Plan
  - (3) Closure Plan
  - (4) Personnel Training Documents and Records
  - (5) Cost Estimate for Facility Closure
  - (6) Operating Record
  - (7) Inspection Schedules

All amendments, revisions, and modifications to any plan or cost estimates required by this permit shall be subject to the approval of the California State Department of Health Services.

(b) The owner or operator shall maintain a copy of this permit at his place of business and at the facility so as to be available at all times to operating personnel.

# 12. References and Terminology

All parts in this permit are identified by Roman numerals. The items set forth in each part shall apply to the owner, operators, and/or facility in addition to the items set forth in any preceding and/or following part of this permit. Unless explicitly stated otherwise, all cross reference to items in this permit shall refer only to items occurring within the same part.

## III. SPECIAL CONDITIONS

#### 1. Hazardous Waste List

The owner or operator shall maintain current, the list of hazardous wastes that can be accepted by the facility presented in the approved operation plan. Additions to the list must first be approved by the California State Department of Health Services.

#### 2. Wastes Prohibited

Hazardous wastes described below shall not be handled or stored at the facility:

- (a) Extremely hazardous wastes as defined in Sections 66065 and 66685, Title 22, California Administrative Code, unless specifically approved by a written permit from the California State Department of Health Services.
- (b) Wastes in bulk.
- (c) Burning wastes.
- (d) Forbidden and Class A explosives as defined in Section 173.51 and 173.53, Title 49, Code of Federal Regulations.
- (e) Wastes containing polychlorinated biphenyls.
- (f) Greater than five gallors of water-reactive waste at any time.

# 3. Maintenance and Operation of Facility

- (a) The facility shall be maintained and operated to minimize the possibility of a fire, explosion, or any unplanted sudden or nonsudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
- (b) If wastes are found on the property outside of the facility fence they shall be handled in such a manner as to prevent public contact and be in accordance with the operation plan.

# 4. Transfer of Wastes

- (a) Hazardous wastes shall not be permanently disposed of at the facility.
- (b) All equipment, pipes, and lines used at the facility to handle, transfer, pump, or store hazardous wastes shall be maintained in a manner that prevents the leaking and spilling of hazardous wastes.

# 5. Operation at Night

When the facility is operated during hours of darkness, the owner or operator shall provide sufficient lighting to ensure safe, effective management of hazardous wastes.

#### 6. Public Water Supply

If a public water supply is used at the facility the service connection shall be protected from contamination as specified in Section 7604, Title 17, of the California Administrative Code.

#### 7. Required Notice

- (a) If the owner or operator has arranged to receive hazardous waste from a foreign source, he shall notify the California State Department of Health Services in writing at least four weeks in advance of the date that the waste is expected to arrive at the facility. Notice of subsequent shipments of the same waste from the same foreign source is not required.
- (b) When the owner or operator receives hazardous waste from an off-site source, he must inform the generator in writing that he has the appropriate permit(s) for, and will accept, the waste the generator is shipping. The owner or operator shall keep a copy of this written notice as part of the operating record.

#### 8. Analysis of Waste

- (a) Upon the effective date of this permit, the owner or operator shall follow the written waste analysis plan as described in the approved operation plan.
- (b) Before the owner or operator treats or stores or disposes of a particular type of hazardous waste for the first time, he shall obtain a detailed chemical and physical analysis of a representative sample of the waste. At a minimum, this analysis shall contain all the information which must be known to treat or store the waste in accordance with the conditions of this permit.
- (c) The analysis may include data developed for other purposes, and existing published or documented data on the hazardous waste or on waste generated from similar processes.
- (d) The analysis shall be repeated, as necessary, to ensure that it is accurate and up-to-date. At a minimum, the analysis must be repeated when the owner or operator is notified or has reason to believe that the process operation generating the hazardous waste has changed.
- (e) The owner or operator shall verify its waste analysis as part of the quality assurance program. The quality assurance program will be in accordance with current U.S. Environmental Protection Agency (EPA) practices (test methods for evaluating solid waste: physical/chemical methods SW-846 dated July 1982) or equivalent methods approved by the California State Department of Health Services; and at a minimum ensure that the owner/operator maintain proper functional instruments, uses approved sampling and analytical methods, assures the validity of sampling and analytical procedures, and performs correct calculations.

#### ·9. Security

- (a) The perimeter of the hazardous waste area of the facility shall be secured by a well-maintained fence capable of preventing the intrusion of livestock and of discouraging entry by unauthorized persons.
- (b) The owner or operator shall maintain the following to control entry at all times to the active portion of the facility:
  - (1) A 24-hour surveillance system which continuously monitors and controls entry; or
  - (2) An artificial and/or natural barrier which completely surrounds the active portion of the facility and which has a means to control entry, at all times, through the gates or other entrances to the active portion of the facility.
- (c) Signs indicating that the facility, or the hazardous waste area of the facility, contains hazardous waste shall be placed on the perimeter fence and at locations where it is anticipated that hunters and other trespassers may enter the facility.

Wording of the signs shall be in English, "Caution-Hazardous Waste Area-Unauthorized Persons Keep Out", and Spanish, "Cuidado! Zona de Residuos Peligrosos. Prohibida la Entrada a Personas No Autorizadas." Signs shall be legible from a distance of 25 feet.

#### 10. Inspections

- (a) The owner or operator shall inspect the facility for malfunctions and deterioration, operator errors, and discharges which may be causing —or may lead to release of hazardous waste constituents to the environment or a threat to human health. The owner or operator shall winduct these impections often enough to identify problems in time to correct them before they harm human health or the environment.
- (b) (1) The owner or operator shall follow the written schedule for inspecting all monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment (such as dikes and pumps) that are important to preventing, detecting, or responding to environmental or human health hazards as described in the approved operation plan-
  - (2) He shall keep this schedule at the facility.
- (c) The owner or operator shall remedy any deterioration or malfunction of equipment or structures which the inspection reveals on the schedule as described in the approved operation plan and which shall ensure that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately.
- (d) The owner or operator shall record inspections in an inspection log or

summary and shall keep these records for at least three years from the date of inspection.

#### 11. Personnel Training

- (a) Facility personnel shall successfully complete the program of classroom instruction or on-the-job training as described in the approved operation plan.
- (b) This program shall be directed by a person trained in hazardous waste management procedures.
- required in Item 11 (a) by the effective date of this permit or within six months after the date of their employment or assignment to a facility or to a new position at the facility whichever is later. Employees hired after the effective date of this permit shall not work in unsupervised positions until they have completed the training requirements of Item 11 (a).
- (d) Facility personnel shall take part in an annual review of the initial training required in Item 11 (a).
- (e) The owner or operator shall maintain the following documents and records at the facility:
  - (1) The job title for each position at the facility related to hazardous waste management and the name of the employee filling each job;
  - (2) A written job description for each position listed under Item 11 (e) (1). This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit but shall include the requisite skill, education, or other qualifications and duties of facility personnel assigned to each position;
  - (3) A written description of the type and amount of both introductory and continuing training that will be given to each person filling a position listed under Item 11 (e) (1); and
  - (4) Records that document that the training or job experience required under Items 11 (a), (b), (c), and (d) has been given to and completed by facility personnel.
- (f) Training records on current personnel as required in Item 11 (e) (4) shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. Personnel training records may accompany personnel transferred within the same company.

# 12. Management of Ignitable, Reactive, or Incompatible Wastes

(a) The owner or operator shall take precautions to prevent accidental

ignition or reaction of ignitable or reactive wastes. This waste shall be separated and protected from sources of ignition or reaction. While ignitable or reactive waste is being handled, the owner or operator shall confine smoking and open flame to specially designated locations. "No Smoking" signs shall be conspicuously placed wherever there is a hazard from ignitable or reactive waste. The handling and storage of ignitable or reactive waste, and the mixture **(**b) or commingling of incompatible wastes, or incompatible wastes and materials shall be conducted so that it does not: Generate extreme heat or pressure, fire or explosion, or violent (1) reaction; Produce uncontrolled toxic mists, fumes, dusts, or gases in (2) sufficient quantities to threaten human health or the environment; Produce uncontrolled flammable fumes or gases in sufficient G) quantities to pose a risk of fire or explosions; (4) Damage the structural integrity of the device or facility containing the waste; or (5) Through other like means threaten human health or the environment. (c) When required to comply with Items 12 (a) and (b), Part III of this permit, the owner or operator must document that compliance. This documentation may be based on references to published scientific or engineering literature, data from trial tests, waste analyses, or the results of the treatment of similar wastes by similar treatment processes and under similar operating conditions. (d) The following incompatible hazardous waste groups shall be adequately separated from each other during all handling and storage operations: (1) Alkalies and cyanides; (2) Acids: (3) Strong oxidizers; Toxic wastes, pesticides, and flammable wastes. (4) (5) Water reactive wastes may be stored in either the alkali and cyanide area or the oil area if a separate oil area is established. (s.) Each hazardous waste storage area shall be individually marked with the internationally recognized hazard identification system placards developed by the National Fire Prevention Association (NFPA). 13. Location Standards (a) The owner or operator shall not store hazardous wastes within 61 - 12 -

meters (200 feet) of a fault which has had displacement in the last 11,000 years. (New facilities or modification to existing facilities only.)

(b) The owner or operator shall ensure that the facility is designed, constructed, operated, and maintained to prevent washout of any hazardous waste by a 100-year flood or that the wastes can be removed safely, before flood waters reach the facility, to a location where the wastes will not be vulnerable to flood waters.

## 14. Required Equipment

- (a) Upon the effective date of this permit, the owner or operator shall have available at the facility all required safety and emergency equipment as described in the approved operations plan.
- (b) The facility water supply system shall be capable of providing water in adequate volume and pressure to maintain water hose streams.
- (c) Owner or operator shall maintain access to communication or alarm system specified in the approved operation plan.

## 15. Testing and Maintenance of Equipment

All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment shall be tested and maintained as necessary to ensure its proper operation in time of emergency.

# 16. Required Aisle Space

The owner or operator shall maintain aisle space as needed to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment.

# 17. Arrangements with Local Authorities

- (a) Upon the effective date of this permit, all emergency response arrangements made by the facility with local authorities as described in the approved operation plan shall have been effected.
- (b) If local authorities refuse to enter into preparedness and prevention arrangements with the owner or operator, the owner or operator shall document this refusal in the operating record.

# 18. Contingency Plan

# (a) Maintenance

Upon the effective date of this permit, the owner or operator shall follow the contingency plan described in the approved operation plan.

# (b) Distribution

A copy of the contingency plan and all revisions to the plan shall be:

- (1) Maintained at the facility; and
- (2) Submitted to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services.

# (c) Implementation

The provisions of the contingency plan shall be carried out immediately wherever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

# (d) Amendment of Contingency Plan

The contingency plan shall be reviewed and immediately amended, if necessary, whenever:

- (1) Applicable regulations are revised;
- (2) The plan fails in an emergency;
- (3) Whenever the permit is revised;
- (4) The list of emergency coordinators changes; or
- (5) The list of emergency equipment changes; and
- (6) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments to the contingency plan.

# (e) Emergency Coordinator

At all times there shall be at least one employee either on the facility premises or on call (i.e., available to respond to an emergency by reaching the facility within a short period of time) with the responsibility for coordinating all emergency response measures. This emergency coordinator shall be thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility, the location and characteristics of waste handled, the location of all records within the facility, and the facility layout. In addition, this person shall have the authority to commit the resources needed to carry out the contingency plan.

# (f) Emergency Procedures

- (1) Whenever there is an imminent or actual emergency situation, the emergency coordinator (or his designee when the emergency coordinator is on call) shall follow the procedures of the contingency plan as described in the approved operation plan-
- (2) The owner or operator shall notify the California State Department of Health Services and local authorities that the cleanup

- procedures are complete and all emergency equipment listed in the contingency plan is clean and fit for its intended use before operations are resumed.
- (3) The owner or operator shall note in the operating record the time, date, and details of any incident that required implementing the contingency plan.
- (4) The owner or operator shall report each incident to the California State Department of Health Services in accordance with the 24-hour reporting requirement contained in II.6 (k) of this permit.

# 19. Manifest System (Off-site facilities only)

- (a) The owner or operator shall:
  - (1) Require that a manifest be completed for all hazardous waste accepted except that receipt form number one in the operation plan may be substituted for the manifest for homeowners' wastes.
  - (2) Inspect wastes before accepting them to ensure that the delivered waste has essentially the same general properties as identified by the generator on the manifest;
  - (3) Complete the appropriate section of the manifest;
  - (4) Sign and date each copy of the manifest to certify that the hazardous waste covered by the manifest was received;
  - (5) Note any significant discrepancies in the manifest on each copy of the manifest;
  - (6) Immediately give the transporter at least one copy of the signed manifest;
  - (7) Send legible copies of all completed hazardous waste manifests and summary sheets (form 2 in operation plan) to the California State Department of Health Services on a monthly basis in conformance with Section 66550, Title 22, California Administrative Code;
  - (8) Within 30 days after delivery, send a copy of the manifest to the generator;
  - (9) Retain at the facility a copy of each manifest for at least three years from the date of delivery.
  - (10) Submit to the California State Department of Health Services by the last day of each month information on the hazardous waste delivered to him during the previous month consisting of a legible copy of the completed manifest for each load of hazardous wastes accepted, and a report that summarizes the numbers of loads of hazardous wastes received;

#### (b) Manifest Discrepancies

- (1) Upon discovering a significant discrepancy between the quantity or type of hazardous waste designated on the manifest and the quantity or type of hazardous waste the facility actually receives, the owner or operator shall attempt to reconcile the discrepancy with the waste generator or transporter (e.g., with telephone conversations). A significant discrepancy in quantity is for batch waste, any variation in piece count such as a discrepancy of one drum in a truckload.
- Significant discrepancies in type are obvious differences which can be discovered by inspection or waste analysis such as waste solvent substituted for waste acid or toxic constituents not reported on the manifest. If the facility can accept the waste after its actual identity is revealed, the owner or operator may accept the waste.

If the facility cannot accept the waste, the owner or operator shall immediately notify the California State Department of Health Services of that fact, identify the transporter and generator of the waste, and refuse to accept the waste. If the owner or operator can accept the waste, he shall note on the copy of the manifest which he submits to the California State Department of Health Services and on the copy which he retains how the discrepancy was resolved. If the discrepancy is not resolved within 15 days after receiving the waste, the owner or operator shall immediately submit to the California State Department of Health Services a letter describing the discrepancy and attempts to reconcile it and a copy of the manifest at issue.

# (c) Unmanifested Wastes

If the facility receives for storage, any hazardous waste from an off-site source without an accompanying manifest, and a manifest is prepared on the spot after load verification, waste analysis, etc., to comply with 19 (a) (1), the owner or operator shall prepare and submit a single copy of a report to the California State Department of Health Services within 15 days after receiving the waste. If the facility rejects an unmanifested load, the same reporting requirement shall apply.

The report shall include the following information:

- (1) The EPA identification number, name, and address of the facility;
- (2) The date the facility received/rejected the waste;
- (3) The EPA indentification number, name, and address of the generator and the transporter, if available;
- (4) The description and quantity of each unmanifested hazardous waste the facility received/rejected;

- (5) The method of treatment, storage, or disposal for each hazardous waste:
- (6) The certification signed by the owner or operator of the facility or his authorized representative; and
- (7) A brief explanation of why the waste was unmanifested, if known.

## 20. Recordkeeping and Reporting

# (a) Availability, Retention, and Disposition of Records

- (1) All records including plans, required in this permit shall be furnished upon request, and made available at all reasonable times for inspection, by any officer, employee, or representative of the California State Department of Health Services.
- (2) The retention period for all records required in this permit is extended automatically during the course of any unresolved enforcement action regarding the facility or as requested by the California State Department of Health Services.

# (b) Operating Record

(1) The owner or operator shall keep a written operating record at the facility.

The following information shall be recorded, as it becomes available, and maintained in the operating record until closure of the facility:

- (i) A description and the quantity of each hazardous waste received, and the method(s) and date(s) of its storage at the facility;
- (ii) The location of each hazardous waste within the facility and the quantity at each location. This information shall include cross-references to specific manifest document numbers, if the waste was accompanied by a manifest;
- (iii) Records and results of waste analyses and trial tests performed;
- (iv) The above information need be kept for only three years for hazardous wastes not subject to regulation under the Federal Resource Conservation and Recovery Act (RCRA), (i.e. hazardous wastes that are produced by small generators and homeowners). The above information relating to hazardous wastes produced by all other generators must be kept until closure of the facility.
- (v) Summary reports and details of all incidents that require implementing the contingency plan;

- (vi) Records and results of inspections (except these data need be kept only three years);
  - (vii) Required monitoring, testing, or analytical data; and
  - (viii) Ali closure cost estimates.

#### (c) Annual Report

The owner or operator shall prepare and submit a single copy of an annual report to the California State Department of Health Services by March 1 of each year beginning March 1, 1984. The annual report shall cover facility activities during the previous calendar year and shall include the following information:

- (1) The EPA identification number, name and address of the facility;
- (2) The calendar year covered by the report;
- (3) The EPA or California State Department of Health Services identification number of each hazardous waste generator from which the facility received a hazardous waste during the year; for imported shipments, the report shall give the name and address of the foreign generator;
- (4) The description quantity and method of treatment, storage, and disposal of each hazardous waste the facility received during the year, listed by EPA or California State Department of Health Services identification number of each generator; and
- (5) The most recent closure cost estimate.

#### (d) Additional Reports

In addition to submitting the annual report required in Item 20 (c), the owner or operator shall also report to the California State Department of Health Services:

- (1) Releases, fires, and explosions; and
- (2) Facility closure.

#### 21. Closure

# (a) Closure Plan and Amendment of Plan

- (1) The owner or operator shall comply with the closure plan as described in the approved operation plan.
- (2) The owner or operator may amend his closure plan at any time during the active life of the facility. (The active life of the facility is that period during which wastes are periodically received.) The owner or operator shall amend his plan any time

- changes in operating plans or facility design affect the closure plan.
- (3) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments made to the closure plan-
- (4) The owner or operator shall notify the California State Department of Health Services at least 180 days before the date he expects to begin closure.

#### (b) Time Allowed for Closure

- (1) Within 90 days after receiving the final volume of hazardous wastes, the owner or operator shall treat all hazardous wastes in storage or in treatment or remove them from the site in accordance with the approved closure plan.
- (2) The owner or operator shall complete closure activities in accordance with the approved closure plan and within six months after receiving the final volume of wastes.

# (c) Disposal or Decontamination of Equipment

- (1) If it is deemed necessary by the California State Department of Health Services, the owner or operator shall have the cement slab and/or soil tested for various constituents as determined by the California State Department of Health Services. Analyses shall be performed by a laboratory approved by the California State Department of Health Services.
- (2) When closure is completed, all facility equipment and structures shall have been properly disposed of or decontaminated by removing all hazardous waste and residues.

# (d) <u>Certification</u> of <u>Closure</u>

When closure is completed, the owner or operator shall submit to the California State Department of Health Services certification both by the owner or operator and by an independent engineer registered in California that the facility has been closed in accordance with the specifications in the approved closure plan.

# 22. Financial Responsibility

# (a) <u>Liability Insurance</u>

- (1) The owner or operator shall have liability insurance coverage as described in the operation plan and supplements.
- (2) A copy of the insurance policy shall be submitted to the California State Department of Health Services at least 60 days prior to the initial recept of hazardous wastes.

### (b) Cost Estimate for Facility Closure

- (1) The owner or operator shall have a written estimate of the cost of closing the facility in accordance with the applicable closure requirements of this permit. The owner or operator shall keep this estimate, and all subsequent estimates, at the facility. The estimate shall equal the cost of closure at the point in the facility's operating life when the extent and manner of its operation would make closure the most expensive as indicated by its closure plan.
- (2) The owner or operator shall prepare a new closure cost estimate whenever a change in the closure plan affects the cost of closure.
- On each anniversary of the effective date of this permit, the owner or operator shall adjust the latest closure cost estimate using an inflation factor derived from the annual Implicit Price Deflator for Gross National Product as published by the U.S. Department of Commerce in its SURVEY OF CURRENT BUSINESS. The inflation factor shall be calculated by dividing the latest published annual Deflator by the Deflator for the previous year. The result is the inflation factor.

The adjusted closure cost estimate shall equal the latest closure cost estimate times the inflation factor.

(4) The adjusted closure cost estimate shall be submitted to the California State Department of Health Services as part of the annual report required in III 20 (c).

### (c) Financial Assurance for Facility Closure

The permittee shall demonstrate continuous compliance with 40 CFR 264.143 and .145 or where applicable with 40 CFR 264.145, .149, .150, and .151 by providing documentation of financial assurance in at least the amount of the cost estimates required by permit condition III 22 (b).

- (d) An owner or operator who fulfills the requirements of III 22 (c) by obtaining a letter of credit, surety bond, or insurance policy will be deemed to be without the required financial assurance in the event of a bankruptcy, insolvency, or a suspension or revocation of the license or charter of the issuing institution. The owner or operator must establish other financial assurance within 60 days of such events.
- (e) The owner or operator shall comply with all other financial responsibility and facility closure requirements of the California State Department of Health Services when enacted.

### N. STORAGE OF WASTES

### 1. General Conditions

(a) Hazardous waste shall not be stored at the facility for longer than

one year without written approval from the California State Department of Health Services.

- (b) If a hazardous waste is stored at the facility longer than one year, the owner or operator shall submit to the California State Board of Equilization fees due and payable in conformance with Chapters 1-8, Part 22, Division 2, Revenue and Taxation Code and with Article 8, Chapter 30, Division 4, Title 22, California Administrative Code.
- (c) Hazardous waste shall be stored in a secure enclosure such as a building, room, or fenced area which shall prevent unauthorized persons from gaining access to the waste and in a manner that will prevent spills.

### 2. Storage in Containers

### (a) Conditions

- (1) Containers used for storing hazardous waste shall be in a condition such that the containers can be safely transported, handled, or moved.
- (2) If a container holding hazardous waste is not in good condition, or if it begins to leak, the owner or operator shall transfer the hazardous waste from this container to a container that is in good condition, or manage the waste in some other way that complies with the conditions of this permit.

### (b) Compatibility of Waste

- (1) The owner or operator shall use a container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
- (2) Areas used for storing containers of hazardous waste shall be widely separated, or physical barriers shall be provided to ensure that commingling of incompatible hazardous wastes cannot occur if a container ruptures.

#### (c) Management

- (1) Containers holding hazardous wastes shall be stored only in the area designated in the approved operation plan.
- (2) A container holding hazardous waste shall remain closed during storage, except when it is necessary to add or remove waste.
- A container holding hazardous waste shall not be opened, handled, or stored in a manner which might rupture the container or cause it to leak.
- (4) All hazardous wastes must be packed in containers the same day as received.

- (5) A label shall be maintained on all containers in which hazardous wastes are stored for 90 days or more and records for the storage of all hazardous wastes shall be maintained pursuant to Section 66454, Title 22 of the California Administrative Code. Labels shall include the following information:
  - (i) Composition and physical state of the waste;
  - (ii) Special safety recommendations and precautions for handling the waste;
  - (iii) Statement or statements which call attention to the particular hazardous properties of the waste;
  - (iv) Amount of waste and name and address of the person producing the waste; and
  - (v) Date of acceptance at the storage facility.
- (6) Empty containers contaminated with hazardous materials shall be stored, handled, and processed as hazardous wastes.
- (7) The total number of containers storing hazardous waste in a storage area shall not exceed the design capacity at any one time.
- (8) To prevent hazardous waste from being blown by the wind, hazardous waste in the form of powder, dust, or a fine solid shall be handled and stored in covered containers or if the waste is not water-reactive, shall be wetted as a slurry.
- (9) Asbestos wastes in sealed, nonreturnable containers shall be handled and covered without opening, breaking, or rupturing the containers.
- (10) The operator shall store and handle emptied pesticide containers in accordance with the requirements of Chapter 30, Division 4, Title 22, of the California Administrative Code and Article 10, Group 3, Subchapter 3, Chapter 4, Title 3, of the California Administrative Code.
- (11) Water-reactive hazardous waste shall be stored in a rain-tight and waterproof area.

### (d) <u>Inspections</u>

The owner or operator shall inspect areas where containers are stored in accordance with the written inspection schedule of the approved operation plan.

### · (e) Containment

The owner or operator shall provide a spill containment system in accordance with the approved operation plan. Specifically, each hazardous waste storage area shall have a continuous base that is impervious

to the waste stored and shall be designed and constructed so that any surface water runoff or spills can be contained, and surface water runon can be excluded. The containment system shall have sufficient capacity to contain ten percent of the volume of containers or the volume of the largest container, whichever is greater. The following areas shall contain no more than the following number of drums:

acid, toxic, oxidizer - 84 drums each

caustic - 105 drums

flammable - 53 drums

### (f) Ignitable or Reactive Waste

Containers holding ignitable or reactive waste shall be situated at least 12 meters (40 feet) from the property line of the facility.

### (g) Incompatible Waste

- (1) Incompatible wastes, or incompatible wastes and materials, shall not be placed in the same container, unless the requirements of Item 12 (b), Part III of this permit are met.
- (2) Hazardous waste shall not be placed in an unwashed container that previously held an incompatible waste or material unless the requirements on Item 12 (b), Part III of this permit are met.
- (3) A storage container holding a hazardous waste that is incompatible with any waste or material stored nearby in other containers, shall be separated from the other materials or protected from them by means of a berm.

### (h) Closure

The owner or operator shall close the container storage area in compliance with the approved closure plan.

### 3. Recycling

If requested by the California State Department of Health Services in accordance with Article 12, Chapter 30, Division 4, Title 22, California Administrative Code, the owner or operator shall submit a written statement justifying having not recycled a waste which the Department has determined to be recyclable.

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## ATTACHMENT F ANNUAL REPORTS

### BAY AREA ENVIRONMENTAL ANNUAL REPORT

### EPA ID #: CAX 080014079

### 1125 Hensley St., Richmond, CA 94801

### SUMMARY OF MONTHLY REPORTS

### Calendar Year Covered 1984

| <u>Drums Received</u> |            |        |       |              |      | Drums Shipped Out |          |   |  |
|-----------------------|------------|--------|-------|--------------|------|-------------------|----------|---|--|
| Size (gallon)         | 5.5        | 5      | 1     |              |      | 5.5               | 5        | 1 |  |
| Month:                |            |        |       |              |      |                   |          |   |  |
| Dec.                  | 6          | 2-30g* | 2 - 1 | 5 g <b>*</b> |      | NON               | NE       |   |  |
| Nov.                  | 22         | 10     | 5     |              |      | 8 7               | 5 0      |   |  |
| Oct.                  | 9 <b>6</b> | 24     | 36    |              |      | NON               | NE       |   |  |
| Sept.                 | 25         | 4      | 80    |              |      | 24                | Recycled |   |  |
| Aug.                  | 14         | 56     | 19    |              |      | NON               | NE       |   |  |
| Ju1y                  | 11         |        | 4     |              |      | 32                |          |   |  |
| June                  | 3 2        | 1      | 1     |              |      | NOM               | 1E       |   |  |
| May .                 | 6          | 43     |       |              |      | 10                |          |   |  |
| April                 | NONE       |        |       |              |      | NON               | NE       |   |  |
| Jan-March             | NONE       |        |       |              |      | 9                 | 65       |   |  |
|                       |            |        |       |              |      |                   |          |   |  |
| Total drums           | 212        | 138    | 145   | 2 - 30       | gal. | 162               | 115      |   |  |
|                       |            |        |       | 2-15         | gal. |                   |          |   |  |

<sup>\*</sup> Variable drum size

## BAY AREA ENVIRONMENTAL ANNUAL REPORT EPA ID #: CAX 080014079

### 1125 Henslev St., Richmond, CA 94801

### SUMMARY OF MONTHLY REPORTS

### Calendar Year Covered 1985

|                 | Drums  | Receive | <u>. d</u>                               | Drums         | Shipped    | Out       |
|-----------------|--------|---------|--|---------------|------------|-----------|
| Size (gallon)   | 5.5    | 5       | 1  | 5.5           | 5          | 1         |
| Month:          |        |         |  |               |            |           |
| Dec.            | 16     | 11      | 10                                       | NONE          |            |           |
| Nov.            | 16     | *11 yd  | s. (Bags)                                | 150 (Class I) | ll yds (Cl | ass II-2) |
| Oct.            | 54     | 1       | 4  | NONE          |            |           |
| Sept.           | 35     | -0-     | . 10                                     | 90            |            |           |
| Aug.            | 17     | 7       | 11                                       | NONE          |            |           |
| July            | 60     | -0-     | -0-                                      | 86            |            |           |
| ' June          | 33     | 1       | 2 *48 oz.                                | NONE          |            |           |
| May             | 5 ·    | 1       | 3  | NONE          |            |           |
| April           | 11     | *2      | * 7 gal.                                 | NONE          |            |           |
| Jan-March       | 23     | *12-15  | gal. *2-30 gal.                          | 73            |            |           |
| Total drums     | 270    | 23      | 40 1- 7gal.<br>12- 15 gal.<br>2- 30 gal. | 399           |            |           |
| * Variable drum | n size |         | 40 Bags (11 y                            | ds)           |            |           |



May 12, 1987

Board of Equalization Excise Tax Unit P.O. Box 647 Sacramento, CA 95803-0647

Dear Sir:

Enclosed is our Hazardous Substance Disposal Report Superfund for 1986.

Our facility is a small storage facility as defined by the state. Bay Area Environmental does not treat any hazardous waste at this facility. Incoming drums are received from several off site sources. These drums are combined into full truck load amounts and sent to other T.S.D.F. facilities for disposal or treatment and disposal. Our facility does not collect taxes and we are not the orginal generator on the materials leaving our facility.

Some material enter our facility under one state waste code and leave under another and descriptions are generalized to minimize the paper work. For example some drums arrive as oil sludge, contaminated soil, paint related material, etc.; these drums are remanifested as Hazardous Waste Solid N.O.S., ORM-E. One state code describing several incoming loads is assigned to the line item describing these drums, i.e. 352, other organic solids.

We have discussed this approach with the D.O.H.S. and E.P.A., and they have given their approval. Your office has stated that our facility is exempt from BOE Excise Tax for material that simply arrive here for storage and leave again.

Sincerely,

David Burton

Hazardous Materials Specialist

wid Buta

DB/an

Facility ID# GF HQ36-018952 BOE ID# HA HQ 36-018952 EPA ID# CAT 080014079

### CALIFORNIA STATE DEPARTMENT OF HEALTH SERVICES TOXIC SUBSTANCES CONTROL DIVISION

### ANNUAL FACILITY HAZARDOUS WASTE **REPORT FOR 1986**

anding December 31, 1986

| The fro | I instructions carefully before making any entries on this form.  Int page of this report form must be completed and returned regardless of facility status.  Drint/type with elite type (12 characters per inch): One character per box.   |
|---------|---|
| 1.      | FACILITY EPA I.D. NUMBER  |
|         | 1 C <sub>1</sub> A <sub>1</sub> T <sub>1</sub> O <sub>1</sub> 8 <sub>1</sub> O <sub>1</sub> O <sub>1</sub> 1 <sub>1</sub> 4 <sub>1</sub> O <sub>1</sub> 7 <sub>1</sub> 9 <sub>1</sub>   |
| 11.     | FACILITY NAME   |
|         | BIALY AREA BENIVIIRONMENTALL IINCI III IIIIIIIIIIIIIIIIIIIIIIIIIII  |
| Ш.      | LOCATION OF FACILITY  |
|         | 1 1 2 5   |
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|         | CIOINITIRIAI CIOISITIAI I I   |
| IV.     | FACILITY MAILING ADDRESS (If different from Section III. above.)  |
|         | Street or Route Number  |
| ٧       | City or Town State Zip Code   |
|         | County  |
| v.      | FACILITY CONTACT  |
|         | _ D <sub> </sub> A <sub> </sub> V <sub> </sub> I <sub> </sub> D <sub> </sub> <sub> </sub> B <sub> </sub> U <sub> </sub> R <sub> </sub> T <sub> </sub> O <sub> </sub> N <sub> </sub>   |
|         | Name  VI. COST ESTIMATES FOR FACILITIES (Whole dollar amounts) $4 \mid 1 \mid 5 \mid -1 \mid 2 \mid 3 \mid 3 \mid = \mid 8 \mid 0 \mid 0 \mid 1$  |
|         | Area Code   |
|         | Phone Number  A. Cost Estimate for Facility  B. Cost Estimate for Post Closure  Closure  Monitoring and Maintenance   |
| VII.    | NONREGULATED STATUS (If nonregulated, complete only this page of the form.)   |
|         | 1.  This facility did not treat, store, or dispose of regulated  This facility is operating with a variance from permit   |
|         | quantities of hazardous waste at any time during 1986 requirements (attach a copy).  3.  This facility has submitted a request for a variance from 4 This facility has requested that the Part A Application  |
|         | permit requirements (attach a copy) be withdrawn (attach a copy)  |
|         | 5. This facility has undergone closure (attach certification letter).6 Other:   |
| VIII.   | CERTIFICATION   |
|         | I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and a attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for sulmitting false information including the possibility of fine and imprisonment. |
| Davi    | d Burton /Hazardous Material Specialist /3-27-87  |
|         | Print/Type Name Title Signature Date Signed   |

| This repor                                       | t is for the | calendar year ending December 31,       | 1986                                       |                    |
|--|--------------|---|--|--------------------|
| IX. FACILITY EPA I.D. NUMBER                     |              |   |  |                    |
| [C   A   T   O   8   O   O   1   4   O   7   9 ] |              |   |  |                    |
| X. WASTE STORAGE (Complete this se               | ction for v  | vaste stored for more than 90 days.     | Use whole numbers.)                        |                    |
| Type of Storage                                  |              | Average Monthly Quantity In Storage     | Total Capacity                             | Unit of<br>Measure |
| Container (Drum, Barrel)                         | (S01)        | 1 1 1 1 1 1 1 1 1 9 0                   | 1 1 1 1 1 1 1 2 9                          | <u> </u>           |
| 2. Tank  | (S02)        | 11111110                                |  |                    |
| 3. Waste Pile                                    | (S03)        | 0                                       |  | <u> </u>           |
| Surface Impoundment                              | (S04)        | 0                                       |  |                    |
| 5. Other:  | (S05)        | 1111111110                              |  |                    |
| XI. WASTE DISPOSAL (Complete this se             | ection only  | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | v. Use whole numbers.)                     | <del></del>        |
| Type of Disposal                                 | ,            | Annual Quantity Disposed                | Capacity Remaining As Of December 31, 1986 | Unit Of            |
| 1. Injection Well                                | (D80)        |   |  |                    |
| 2. Landfill                                      | (D81)        |   |  |                    |
| 3. Land Application                              | (D82)        |   |  |                    |
| 4. Ocean Disposal                                | (D83)        |   |  |                    |
| 5. Surface Impoundment                           | (D84)        |   |  |                    |
| 6. Other:  | (D85)        |   |  |                    |
| XII. WASTE TREATMENT (Complete ti                | his section  | for waste treatment methods used        | at the facility, include recycling. I      | Jse whole          |
| Treatment Method                                 | T or R       | Total Amount Treated/Recycled           | Annual Capacity                            | Unit of Measure    |
| 1.   |              |   |  |                    |
| 2.   | 1 1          |   |  |                    |
| 3.   | 11           |   |  |                    |
| 4.   |              |   |  |                    |
| 5.   | 1 , ,        |   |  | 1                  |

|       |                              |                               | <del></del>                 |                         |               |
|-------|------------------------------|-------------------------------|-----------------------------|-------------------------|---------------|
| XIII. | COMMENTS (List any explanati | ons or significant events whi | ch influenced capacities or | throughput for Sections | X—XII above.) |

6. 7. 8. 9.

| XIV. | FACILITY EPA I.D. NUMBER XV.        | 1. | The waste streams reported on this page were generated on the facility.      |        |  |  |
|------|-------------------------------------|----|--|--------|--|--|
|      | [C,A,T,0,8,0,0,1,4,0,7,9,           | 2. | The waste streams reported on this page were received from a site generator. | n off- |  |  |
| XVI. | WASTE IDENTIFICATION AND MANAGEMENT |    |  |        |  |  |

### WASTE IDENTIFICATION AND MANAGEMENT

A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in

|              | Line<br>Number | sequential order for each waste code  Description of Waste | EPA Hazardous Waste Number (See Code List) | Calif.<br>Waste<br>Code | Hand-<br>ling<br>Method         | Amount of Waste         | Unit<br>of<br>Measure | Shipped<br>Offsite |
|--------------|----------------|--|--|-------------------------|---------------------------------|-------------------------|-----------------------|--------------------|
| 1.           | 1              | Acid solutions with metals                                 | 0,0,0,2                                    | 1, 1, 1                 | S <sub>1</sub> O <sub>1</sub> 1 | 1 1 1 1 1 2 1 0 0       | Р                     |                    |
|              | 2              |  |  |                         | -1.1                            | -1                      | <u> </u>              |                    |
| -            | 3              |  |  | 1 1                     | 1                               | 1111111                 |                       |                    |
|              | 4              |  |  | 1_1_                    | -                               |                         | <u> </u>              |                    |
|              | 5              |  |  |                         | -                               |                         |                       |                    |
|              | 6              |  |  | 11.                     | 1 1 1                           |                         |                       |                    |
| II.          | 1              | Acid solution w/out metals                                 | DI 01 017 1 1'1                            | 1112                    | Si 0i 1                         | 111111582               | G                     |                    |
|              | 2              | Acid solution w/out metals                                 | DIOIOIZ FIEL                               | 1, 1, 2                 | SI 01 1                         | 11111516                | Р                     |                    |
|              | 3              |  | - 1 1 1 1 1                                | 11                      | 11                              | 1111111                 |                       |                    |
|              | 4              |  |  | 11                      |                                 |                         |                       |                    |
|              | 5              |  | 11111                                      |                         | 1.1                             | · .                     |                       |                    |
|              | 6              |  |  | 1 1                     | 1 1                             | 1 1 1 1 1 1 1 1 1       |                       |                    |
| 111.         | 1              | Unspecified acid solution                                  | 0101017 111                                | 1113                    | S 10 11                         | 1 1 1 1 1 1 1 5 1 0 1 0 | Р                     |                    |
|              | 2              | -  | 111 111                                    | 11                      | 1 1                             | 1 1 1 1 1 1 1 1         | -                     |                    |
|              | 3              |  |  | 1 1                     | 11                              |                         |                       |                    |
|              | 4              |  | 111111                                     | 1 1                     | ! !                             | 1111111                 |                       |                    |
|              | 5              |  | 111111                                     | 11                      | 1 1                             | 1111111                 |                       |                    |
|              | 6              |  | 111111                                     |                         | 1!                              | 111111                  |                       |                    |
| 1 <b>v</b> . | 1              | Alkaline solution w/metals                                 | 0101017 1111                               | 1  2   1                | S 10 11                         | 1 1 1 1 1 11151010      | Р                     |                    |
|              | 2              | •  | 111 111                                    | 1 1                     |                                 |                         |                       |                    |
|              | 3              |  | 11111                                      | 1 1                     | 1 1                             | 11111111                |                       |                    |
|              | 4              |  |  |                         | 1 1                             | 11111111                |                       |                    |
|              | 5              |  |  | 1 1                     | 11                              |                         |                       |                    |
|              | 6              |  |  | 1 1                     |                                 |                         |                       | of _10             |

| XI   | √.             | FACILITY EPA I.D. NUMBER                                  | XV.                    | fac  | ility.   |                                 | ported on this page were gener |                       |                    |
|------|----------------|---|------------------------|--|--|---------------------------------|--------------------------------|-----------------------|--------------------|
| χV   | 1.             | WASTE IDENTIFICATION AND MAN. A. WASTE TREATMENT AND STOR | AGE<br>d at this facil | AGE<br><i>at this facility.</i> Report quantities using whole numbers. List treatment or stora |  |                                 |                                |                       |                    |
| _    | Line<br>Number | Description of Waste                                      | Waste !                | azardous<br>Number<br>ode List)  | Calif. Waste Code                                | Hand-<br>ling<br>Method         | Amount of Waste                | Unit<br>of<br>Measure | Shipped<br>Offsite |
| ī.   | 1              | Alkaline solution w/o metal                               | 5 D1 O1 O17            | 111  | 1,2,2  | S <sub>1</sub> 0 <sub>1</sub> 1 | 11111150                       | G                     |                    |
|      | 2              | Alkaline solution w/o metal                               | 5 D1 O1 O1 2           | -111   | 1,2,2  | 5,0,1                           | 1 1 1 1 1 1 1 1 7 1 4 1 0      | P                     |                    |
|      | 3              |   |                        |  | <del>                                     </del> |                                 |                                |                       |                    |
|      | 4              |   |                        |  |  | 11                              |                                |                       |                    |
|      | 5              |   |                        | 1 1 1  |  | -                               |                                |                       |                    |
|      | 6              |   | 111                    | 111  | 1  | 11                              |                                |                       |                    |
| 11.  | 1              | Aqueous solution  | 111                    | 111  | 11311  | S <sub>1</sub> 0 <sub>1</sub> 1 | 1111115010                     | Р                     |                    |
|      | 2              |   | 111                    | <del>+ 1 1</del>   | 111  |                                 | 111111                         |                       |                    |
|      | 3              |   | 111                    | 111  | 11   | 11                              | 111111                         | ·                     |                    |
|      | 4              |   | 111                    | 111  | 1-1  | 11                              | 1111111                        |                       |                    |
|      | 5              |   | 111                    |  | 1 1  |                                 |                                |                       |                    |
|      | 6              |   |                        | 111  |  |                                 | 1 1 1 1 1 1 1 1                |                       |                    |
| 111. | 1              | Unspecified aqueous solutio                               | י אסא                  | RCRA   | 11315  | S 10 11                         | 11111180                       | Р                     |                    |
|      | 2              |   | 111                    | 111  | 11   | 11                              |                                |                       |                    |
|      | 3              |   | 111                    | 111  | 1 1  | 1 1                             | 1 1 1 1 1 1 1 1                |                       |                    |
|      | 4              |   |                        | 1 1 1  | 11   | 1 1                             | 111111                         |                       |                    |
|      | 5              |   | 111                    | 111  | 11   | 11                              |                                |                       |                    |
|      | 6              |   | 111                    | 111  | 11   | 11                              | 1111111                        |                       |                    |
| ٧.   | 1              | Asbestos-containing waste                                 | non                    | R C R A  | 1 5 1  | S <sub>1</sub> O <sub>1</sub> 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3  | К                     |                    |
|      | 2              | Asbestos-containing waste                                 | NON<br>I I I           | R C R A  | 1 5 1  | S <sub>1</sub> O <sub>1</sub> 1 | 2 1 8 0 0                      | Р                     |                    |
|      | 3              |   |                        | 1 1 1  |  |                                 | 1 1 1 1 1 1 1                  |                       |                    |
|      | 4              |   |                        | 1 1 1  | 1 1  | 1 1                             |                                |                       |                    |

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### XVI. WASTE IDENTIFICATION AND MANGEMENT

B. ULTIMATE DISPOSAL;
Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of XVI., Part A. Report quantities using whole numbers.

|        | Line<br>Number | Description of Waste            | EPA Hazardous<br>Waste Number<br>(See Code List) | Calif.<br>Waste<br>Code | Hand-<br>ling<br>Method         | Amount of Waste                              | Unit<br>of<br>Measure | Shipped<br>Offsite |
|--------|----------------|---------------------------------|--|-------------------------|---------------------------------|--|-----------------------|--------------------|
| l<br>- | 1              | unspecified<br>acueous solution | Non R C R  | A 1, 3, 5               | D <sub>1</sub> 8 <sub>1</sub> 1 | 1, 1, 1, 1, 8, 0, 0                          | p                     | Х                  |
|        | 2              |                                 |  |                         | 1 1                             | 1      | <u> </u>              |                    |
|        | 3              |                                 |  | 1.1                     |                                 |  |                       |                    |
|        | 4              |                                 | 1111   |                         |                                 | 1 1 1 1 1 1 1 1 1 1                          |                       |                    |
| }      | 1              | Asbestos                        | non RCRA   | 1, 5, 1                 | D <sub>1</sub> 8 <sub>1</sub> 1 | <u>                                     </u> | K                     | X                  |
|        | 2              | Asbestos                        | non RCRA   | 1, 5, 1                 | D <sub>1</sub> 8 <sub>1</sub> 1 | 1 1 1 1 2 1 8 0 0                            | P                     | Х                  |
|        | 3              |                                 |  |                         |                                 |  |                       |                    |
|        | 4              |                                 |  | 1 1                     |                                 | 111111                                       |                       |                    |
| 111.   | 1              | other<br>inorganic solid waste  | Non RCRA   | 118                     | 0 8 1                           | 111111620                                    | P                     | Х                  |
|        | 2              |                                 |  | 1, 8                    | 0,81                            |  | Р                     | X                  |
|        | 3              |                                 |  |                         | 1 1                             | <br>   |                       |                    |
|        | 4              |                                 |  |                         | 1.1                             |  |                       |                    |
| ī.     |                | Iñorganic surplus               | NON RCRA   |                         | D <sub>1</sub> 8 <sub>1</sub> 1 | 1 1 1 1 1 19181716                           | Р                     | X                  |
|        | 2              |                                 |  |                         |                                 |  |                       |                    |
|        | 3              |                                 |  |                         |                                 |  |                       |                    |
|        | Δ              |                                 |  |                         |                                 |  |                       |                    |

XVII. COMMENTS (Label entries by section and line number.)

IV-1) Material shipped out as Hazardous Waste Solid under Waste Code 551.

ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of

XVI Part A. Report quantities using whole numbers.

|         | <u> </u>       | XVI., Part A. Report quantities usin |            | zardous  | Calif,    | Hand-                           |                       | Unit    |            |
|---------|----------------|--------------------------------------|------------|----------|-----------|---------------------------------|-----------------------|---------|------------|
|         | Line<br>Number |                                      | Waste N    |          | Waste     | ling                            |                       | of      | Shipped    |
|         | Ξź             | Description of Waste                 | (See Co    | de List) | Code      | Method                          | Amount of Waste       | Measure | Offsite    |
| l.<br>— | 1              | Acid solution w/metals               | 0,0,0,2    |          | 1,1,1     | T,2,1                           |                       | •       |            |
|         | 2              |                                      | 1 1 1      | .1 1 1   | 1 1       | D, 8, 1                         | , , , , , , , 2,1,0,0 | Р       | X          |
|         | 3              | • .                                  | 111        | 111      | 11        | 1.1                             | 1 1 1 1 1 1 1 1       |         |            |
|         | 4              |                                      |            | 111      | 1 1       | 1 1                             | 11111111              |         |            |
| it.     | 1              | Acid solution w/out metals           | DI 01 01 2 | 1 1 1    | 1, 1, 2   | D <sub>1</sub> 8 i 1            | 1 1 1 1 1 1 7 0 0     | Р       | X          |
|         | 2              | ·                                    |            | _1_1_1_  | <u> </u>  | T <sub>1</sub> 3 <sub>1</sub> 1 | 1 1 1 1 1 2 2 1 1 5   | G       | X          |
|         | 3              |                                      |            |          |           |                                 |                       |         |            |
|         | 4              |                                      | , , ,      |          | 1 1       | 1 1                             | 11111111              |         |            |
| 111.    | 1              | Unspecified acid solution            | 9992       |          | 1 1 3     | Di 8j 1                         | 1 1 1 1 1 1 1 1 10 10 | Р       | X          |
|         | 2              |                                      | 10002      | . ] ]    | . 1. 1    | D <sub>1</sub> 8 <sub>1</sub> 1 | 1 1 1 1 1 1 1 4 0 0   | - P     | . <b>X</b> |
|         | 3              |                                      |            | 1.1.1    |           |                                 |                       |         |            |
|         | 4              |                                      | 1 1 1      | 1 1      | 1 1       |                                 |                       |         |            |
| V.      | 1              | Alkaline solution w/metals           | 0101012    | 1 1      | 1   2   1 | T1211                           | 1 1 1 1 1 151010      | Р       | X          |
|         | 2              |                                      | 1 1 1      | 1 1 1    |           | D 8 1                           |                       |         |            |
|         | 3              |                                      |            | 1 1 1    | 1!        | 1.1                             | 1111111               |         |            |
|         | 4              |                                      |            | 111      | 1 !       |                                 | 111111                |         |            |

COMMENTS (Label entries by section and line number.)

- Some nonspecific wastes solutions consolidated for neutralizations.
- III-2) Materials shipped out as Waste Laboratory Chemical under State Code 551.
- IV-1) Shipped out as Waste Laboratory Chemicals see 551.

| •   |                | This report  | is for the ca         | lendar year                     | ending D                | ecember :                       | 31, 1986   |                       | :                  |
|-----|----------------|--|-----------------------|---------------------------------|-------------------------|---------------------------------|--|-----------------------|--------------------|
| 31  | <b>/</b> .     | FACILITY EPA I.D. NUMBER    C   A   T   0   8   0   0   1   4   0   7   9  | XV.                   | fac<br>2. The                   | cility.<br>e waste s    | treams re                       | ported on this page were general ported on this page were rece |                       |                    |
| ₹   | 1.             | WASTE IDENTIFICATION AND MANA A. WASTE TREATMENT AND STOR Report only waste treated or stored sequential order for each waste code | AGE<br>I at this faci | lity. Report                    | quantities              |                                 | hole numbers. List treatment                                   | or storage            | e steps in         |
|     | Line<br>Number | Description of Waste   | EPA Ha<br>Waste I     | azardous<br>Number<br>ode List) | Calif.<br>Waste<br>Code | Hand-<br>ling<br>Method         | Amount of Waste  | Unit<br>of<br>Measure | Shipped<br>Offsite |
| 1.  | 1              | Other inorganic solid waste  | NON<br>               | RCRA                            | 1  8  1                 | S <sub>1</sub> 0 <sub>1</sub> 1 | 1 6 5 5  | Р                     |                    |
|     | 2              |  | 111                   | - 1 1                           |                         | - 1 1                           |  | -                     |                    |
|     | 3              |  | 1 1 1                 | 111                             | 111                     | 1                               | 1111111  |                       |                    |
|     | 4              |  | 111                   |                                 | 1-1-                    | -                               |  |                       |                    |
|     | 5              |  |                       | 1.1.1                           |                         |                                 |  |                       |                    |
| 1.  | 6              | Halogenated solvents   | Fi 0i 0i 2            |                                 | 2 11 11                 | SOI                             |  | G                     |                    |
|     | 2              | Halogenated solvents   | F  0  0  2            |                                 | 2  1  1                 | S 0 1                           |  | Р                     |                    |
|     | 3              | <u>-</u>   | 111                   | 1 1 1                           | 11                      | 1 1                             | 1 1 1 1 1 1 1 1  |                       |                    |
|     | 4              |  | 111                   | 111                             |                         | 1.1.                            |  |                       |                    |
|     | 5              |  | 1 1 1                 | 1.1.1                           | 11                      |                                 | 1 1 1 1 1 1 1  |                       |                    |
| 11. | 6              |  | 111                   | 111                             |                         | 11                              |  |                       |                    |
|     | 1              | Oxygenated solvents  | DIGIGI1               | 111                             | 2  1  2                 |                                 | 1 1 1 1 1 1 15 10  | G                     |                    |
|     | 2              | Oxygenated solvents  | 0 0 0 1               |                                 | 2  1  2                 | S 10 11                         | 1  3  0  0   | Р                     |                    |
|     | 3              |  |                       | 1 1 1                           | 1 1                     |                                 |  |                       |                    |
|     | 5              |  |                       |                                 |                         |                                 |  |                       |                    |
|     | 6              |  |                       | 1 1 1                           |                         |                                 |  |                       |                    |
| V.  | 1              | Hydrocarbon solvents   | n a a 1               | 111                             | 2  1  3                 | S1011                           |  | G                     |                    |

0101011

1 1 1 2 11 13 51 01 1 1 1 1 1 1 5 10 14 12 15

11111111111111

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Hydrocarbon solvents

| •   |   | This report   | is for the ca          | lendar year                   | ending D                 | ecember :                       | 31, 1986                                |                       | ·. •               |
|-----|---|---|------------------------|-------------------------------|--------------------------|---------------------------------|---|-----------------------|--------------------|
| ï۱  | <u>'.                                    </u> | FACILITY EPA I.D. NUMBER  | XV.                    |                               | e waste st               | reams rep                       | orted on this page were genera          | ated on the           | he 🗆               |
|     |   | C A T O 8 0 0 1 4 0 7 9   |                        |                               | e waste si<br>e generato |                                 | ported on this page were rece           | ived from             | n an off-<br>∰     |
| V   | l <b>.</b>                                    | WASTE IDENTIFICATION AND MANA A. WASTE TREATMENT AND STOR. Report only waste treated or stored sequential order for each waste code | AGE<br>d at this facil | ity. Repor                    | t quantitie              | -                               | hole numbers. List treatment            | or storag             | e steps in         |
|     | Line<br>Number                                | Description of Waste  | Waste N                | zardous<br>Number<br>de List) | Calif.<br>Waste<br>Code  | Hand-<br>ling<br>Method         | Amount of Waste                         | Unit<br>of<br>Measure | Shipped<br>Offsite |
| ١.  | 1   | Unspecified solvent mixture   | D101011                | 1 1 1                         | 21114                    | S <sub>1</sub> 0 <sub>1</sub> 1 | 111111280                               | G                     |                    |
|     | 2   | Unspecified solvent mixture   | D101011                | 111                           | 21114                    | S1011                           | 1 1 1 1 116101810                       | р -                   |                    |
|     | 3   |   |                        |                               |                          |                                 |   |                       | ļ                  |
|     | 4   |   | 1.1.1                  |                               |                          |                                 | 1111111                                 |                       |                    |
|     | 5   |   |                        | 111                           |                          | -                               |   |                       |                    |
|     | 6   |   | 111                    | 1 1 1                         |                          | 111                             | 11111111                                |                       |                    |
| 1.  | 1   | Waste oil & mixed oil   | D101011                | 111                           | 21 21 1                  | SI OI 1                         | 1 | G                     |                    |
|     | 2   | Waste oil & mixed oil   | D101011                | 411                           | 21 21 1                  | SI 01 1                         | 111148400                               | Р                     |                    |
|     | 3   |   |                        | 111                           |                          | 1.1                             | 1111111                                 |                       |                    |
|     | 4   |   | 111                    | 111                           | ii                       | 11                              | 111111                                  |                       |                    |
|     | 5   |   | 111                    |                               |                          |                                 |   |                       |                    |
|     | 6   |   | 111                    | 111                           | 111                      | 11                              | 111111                                  |                       |                    |
| II. | 1   | Oil/water separation sludge   | non                    | R C R                         | A _<br> 2  2  2          | S <sub>1</sub> O <sub>1</sub> 1 | 1 1 1 1 1 1 191010                      | G                     |                    |
|     | 2   | Oil/water separation sludge   | NON<br>! I I           | R C R /                       | A <br> - 21 21 2         |                                 | 1 1 1 1 1 17 15 10                      | P                     |                    |
|     | 3   |   | 1   1                  |                               | 111                      |                                 |   |                       |                    |
|     | 4   |   |                        |                               | 11                       |                                 |   |                       |                    |
|     | 5   |   |                        | 1 1 1                         |                          | 11                              |   |                       |                    |
|     | 6   |   | 1 1 1                  | 1 1 1                         |                          |                                 |   |                       |                    |
| ٧.  | 1   | unspecified oil-containing waste  | NON<br>III             | RCR                           |                          | S 10 11                         |   | G                     |                    |
|     | 2   | unspecified oil-containing waste  | NON                    | RCR                           | ٨                        | S <sub>1</sub> 0 <sub>1</sub> 1 |   |                       |                    |

R C R A 21 21 3 S1011

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### VI. WASTE IDENTIFICATION AND MANGEMENT

B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of

XVI. Part A. Report quantities using whole numbers.

| Calif. Waste Number   Waste   Calif. Waste   Calif. Waste   Calif. Waste Number   Calif. Waste   Calif. Waste |       | XVI., Part A. Report quantities using whole numbers. |                      |              |              |              |                                 |   |          |             |  |  |  |  |
|--|-------|--|----------------------|--------------|--------------|--------------|---------------------------------|---|----------|-------------|--|--|--|--|
| Halogenated solvent  |       | 36.  |                      |              |              |              |                                 |   |          | ļ           |  |  |  |  |
| Halogenated solvent  |       | 2 5  | ,                    |              |              |              |                                 |   |          |             |  |  |  |  |
| 2   F,0,0,2  |       | Ξź   | Description of Waste | (See Co      | de List)     | Code         | Method                          | Amount of Waste                         | Measure  | Offsite     |  |  |  |  |
| 2   F 0,0 2  |       | <del>i                                     </del>    |                      | 1            | ·            |              |                                 |   |          |             |  |  |  |  |
| 2   F,0,0,2  | •     | 1  | Halogenated solvent  | F. 0. 0. 2   |              | 2, 1, 1      | R. 1.0                          | 1                                       | G-       | χ           |  |  |  |  |
| 3  |       | <u> </u>   | narogenaced sorvenc  | 1101012      | <del> </del> |              | 1112                            |   | <u> </u> | <u> </u>    |  |  |  |  |
| 3  |       |  |                      | - 0 0 2      |              | 2 1 1        | 0 1 1                           | T 1 0                                   |          | v           |  |  |  |  |
| 1  |       | 2  |                      | 1101012      |              | 21111        | KITIT                           | 1 | <u> </u> |             |  |  |  |  |
| 1  |       | 1  |                      | 1            | ]            | _            |                                 |   |          |             |  |  |  |  |
| 1   0xygenated solvents  |       | 3  | • ;*                 | F101012      |              | 2 1 1        | $R_1 1_1 0$                     | 1 1 1 1 1 1 1 1 1 1 1 0 1 0             | G        | X           |  |  |  |  |
| 1   0xygenated solvents  |       |  |                      | 1            |              |              |                                 |   | 1        |             |  |  |  |  |
| 1   0xygenated solvents  |       | 4  |                      | 1 1 1 1      | 1 , , , ;    | 1 !          | 1 , ,                           |   |          |             |  |  |  |  |
| 1   0xygenated solvents  |       | <del>                                     </del>     |                      |              |              |              |                                 |   |          |             |  |  |  |  |
| 2 Oxygenated solvents  D  0  0  1       2  1  2 D  8  1  | и.    | 1  | Overanated salvents  | מ יח יח ו    | 1 , , , !    | 2, 1, 2      | R. 1. 1                         | 1                                       | G        | Υ           |  |  |  |  |
| 3  4  1. 1 Hydrocarbon solvents D  0  0  1         2 1 3 R 1 1   |       | <u> </u>   | Oxygenated Solvents  | 1 0 0 0 1    | <u> </u>     | <u> </u>     | 1 1 1                           |   |          | <del></del> |  |  |  |  |
| 3  4  1. 1 Hydrocarbon solvents D  0  0  1         2 1 3 R 1 1   |       | 1  |                      | D. O. O. 1   |              | 2. 1. 2      | D. O. 1                         |   | В        | v           |  |  |  |  |
| A  |       | 1  | Uxygenated solvents  | I DI OI OI T |              | 2 1 2        | INOIT                           | 1 1 1 1 1131010                         | l r      |             |  |  |  |  |
| A  |       |  |                      |              |              |              |                                 |   |          |             |  |  |  |  |
| 1   Hydrocarbon solvents   |       | 3  |                      |              |              |              | 1 1                             |   |          |             |  |  |  |  |
| 1   Hydrocarbon solvents   |       |  |                      |              |              |              |                                 |   |          |             |  |  |  |  |
| 1 Hydrocarbon solvents Di Oi Oi 1  |       | 4  |                      | 1 1 1        |              | 1.1          | 1 1 1                           |   |          |             |  |  |  |  |
| 1 Hydrocarbon solvents Di Oi Oi 1  |       | T  |                      | i            |              | <del> </del> |                                 |   |          |             |  |  |  |  |
| 2 Hydrocarbon solvents   | 1.    | 1 .  | Hudnocarbon colvents | ויטיטים      |              | 21113        | R.1.1                           | 1 1 1 1 12 13 18 15                     | G        | ¥           |  |  |  |  |
| 3 Hydrocarbon solvents Di Oi Oi 1       2   1   1  |       | <u> </u>   | nyurocarbon sorvencs | 0101011      |              | FITID        | 1/17/7                          | 1 1 1 12 3 10 13                        | <u> </u> |             |  |  |  |  |
| 3 Hydrocarbon solvents Di Oi Oi 1       2   1   1  |       |  |                      | D. O. O. 1   |              | 0.1.0        |                                 | 10000                                   | η.       | v           |  |  |  |  |
| 4  |       | 12   | Hydrocarbon solvents | n n n n T    |              | 2   1   3    | nar                             |   | Ρ .      |             |  |  |  |  |
| 4  |       |  |                      |              |              |              |                                 |   |          |             |  |  |  |  |
| 4  |       | 3  | Hydrocarbon solvents | D 0 0 1      |              | 2 1 1        | R <sub>1</sub> 1 <sub>1</sub> 1 | 1 1 1 1 1 1 2 2 1 0                     | G        | Х           |  |  |  |  |
| unspecified   D O O 1       2 1 4 R 1 1  |       |  |                      |              |              |              |                                 | •                                       |          |             |  |  |  |  |
| 1   solvent mixture  |       | 4  |                      |              |              | 11           |                                 |   | -        |             |  |  |  |  |
| 1   solvent mixture  | - ,   |  | unspecified          | l            |              |              |                                 |   |          |             |  |  |  |  |
| unspecified  | • • • |  |                      | תותותו ז     | i            | 21.11.4      | 01111                           | 1 | C.       | Y           |  |  |  |  |
| 2   solvent mixture  |       |  |                      | 0 0 0 1      |              | 21114        | 1/1 1 1 1                       | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |          |             |  |  |  |  |
| 3  |       | 2  |                      |              |              | 0.1.4        |                                 | 6.0.7.0                                 |          | V           |  |  |  |  |
|  |       |  | solvent mixture      | u u u 1      |              | 2 11 14      | דו או ח                         | 1 | P        | <u> </u>    |  |  |  |  |
|  |       |  |                      |              |              |              |                                 |   | Ì        |             |  |  |  |  |
|  |       | 3  |                      |              |              | 111          |                                 |   |          |             |  |  |  |  |
|  |       |  |                      |              |              |              |                                 |   |          |             |  |  |  |  |
|  |       | 4  |                      |              | 1111         | 1 1          |                                 |   |          |             |  |  |  |  |

XVII. COMMENTS (Label entries by section and line number.)

- I-1) Multiple entries correspond to different disposal sites.
- II-2) Shipped out as Hazardous Waste Solid see code 551.
- III) Some materials in this section shipped as Hazardous Waste Solid under 551. Other recyclable materials combined under this code.

| XIV. | FACILITY EPA I.D. NUMBER          | XV. | 1. | The waste streams reported on this page were generated on the facility.      |        |
|------|-----------------------------------|-----|----|--|--------|
|      | [C A T 0 8 0 0 1 4 0 7 9]         | •   | 2. | The waste streams reported on this page were received from a site generator. | in off |
| XVI. | WASTE IDENTIFICATION AND MANAGEME | NT  |    |  |        |

A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in

|      | Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section. |                          |  |          |              |                                 |  |                  |             |  |  |  |
|------|---|--------------------------|--|----------|--------------|---------------------------------|--|------------------|-------------|--|--|--|
|      |   |                          |  |          |              |                                 |  |                  |             |  |  |  |
|      | Line<br>Number  |                          | Waste I  | Number   | Waste        | ling                            |  | of               | Shipped     |  |  |  |
|      | 52  | Description of Waste     | (See Co  | de List) | Code         | Method                          | Amount of Waste                        | Measure          | Offsite     |  |  |  |
| 1.   |   | Pesticides & other waste |  |          |              |                                 |  |                  |             |  |  |  |
|      | 1   | assoc. with pesticides   | $D_{1}O_{1}O_{1}1$                             |          | 21312        | S <sub>1</sub> O <sub>1</sub> 1 | 1 1 1 1 1 18171010                     | Р -              |             |  |  |  |
|      |   | Pesticides & other waste |  | ,        | 222          | ا د م ا                         |  |                  |             |  |  |  |
|      | 2   | assoc with pesticides    | F <sub>1</sub> 0 <sub>1</sub> 2 <sub>1</sub> 0 |          | 121312       | S <sub>1</sub> 0 <sub>1</sub> 1 | 1 1 1 1 1 2 0 0                        | G                |             |  |  |  |
|      | 3   |                          |  | , , ,    | , .          | . , ;                           |  |                  |             |  |  |  |
|      | 3   |                          | <u> </u>                                       |          | <del> </del> |                                 | <u> </u>                               |                  |             |  |  |  |
|      | 4   |                          | 111  | 111      | 1 , ,        | :                               |  |                  |             |  |  |  |
|      |   |                          | 1  |          |              |                                 |  |                  |             |  |  |  |
|      | 5   |                          |  |          |              |                                 |  |                  |             |  |  |  |
|      |   |                          |  |          |              |                                 |  |                  |             |  |  |  |
|      | 6   |                          |  |          |              |                                 |  |                  |             |  |  |  |
| II.  | 1   | .:                       |  |          | <b>.</b>     | <u> </u>                        |  |                  |             |  |  |  |
|      |   |                          | 1 1 1  | 1 1 1    |              | ·                               |  | <u> </u>         |             |  |  |  |
|      | 2   |                          | 111  | 711      | 11           |                                 |  |                  |             |  |  |  |
|      |   |                          |  |          |              | ,                               |  |                  |             |  |  |  |
|      | 3   |                          |  | 111      | 11           | 11                              |  |                  |             |  |  |  |
|      |   | *<br>                    |  |          |              | ] , ,                           |  | · <del>-</del> - |             |  |  |  |
|      | 4   |                          |  | 111      |              | 1 1                             |  |                  |             |  |  |  |
|      | 5   |                          | 111  |          | ,,           |                                 |  |                  |             |  |  |  |
|      |   |                          | <u> </u>                                       |          | ' '          |                                 |  |                  |             |  |  |  |
|      | 6   |                          |  |          |              | 11                              |  |                  |             |  |  |  |
| 111. |   | Dalama et a cast         |  |          |              |                                 |  |                  |             |  |  |  |
|      | 1   | Polymeríc resin waste    | D101011  |          | 2//12        | SI 01 1                         | 1 1 1 1 1 1 1 2 1 0                    | G                |             |  |  |  |
|      | ,   | Polymeric resin waste    | DIGIGIA  |          | 21712        | SI (1)                          |  | D                |             |  |  |  |
|      | -   | orymer to restri was te  | D101011  | 1 1 1    | 61/16        | SI 0I 1                         | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1          | <u> </u>         |             |  |  |  |
|      | 3   |                          |  |          | 1 1          | , ,                             |  |                  |             |  |  |  |
|      |   |                          |  |          |              |                                 | 1, 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                  |             |  |  |  |
|      | 4   |                          | 111  | 111      | 1.1          | 11                              |  |                  |             |  |  |  |
|      | آ ہے  |                          |  |          |              |                                 |  |                  |             |  |  |  |
|      | 5   |                          |  | 1 1 1    |              |                                 |  |                  |             |  |  |  |
|      | 6   |                          |  | 111      | 1 1          |                                 | 111111                                 |                  |             |  |  |  |
| IV.  |   |                          | non  | RCRA     |              |                                 |  |                  |             |  |  |  |
|      | 1   | Latex Waste              |  |          | 21911        | Si 0i 1                         | 1 0 5 5                                | G                |             |  |  |  |
|      |   |                          | non  | RCRA     |              |                                 |  |                  |             |  |  |  |
|      | 2   | Latex waste              | 1 1 1  | 1 1      | 21911        | S  0  1                         | 1 1 1 1 1 1 1 1 9 2 1 4 1 0            | Р                |             |  |  |  |
|      | 3   |                          |  |          |              |                                 |  |                  |             |  |  |  |
| ŀ    | 3   |                          | 1 1  | 1 1 1    | 1 1          |                                 |  |                  |             |  |  |  |
|      | 4   |                          |  | 111      | , ,          | , ,                             |  |                  |             |  |  |  |
| }    | _   |                          |  | 1 1 1    | 1 1          | 1 1                             |  |                  |             |  |  |  |
|      | 5   |                          |  |          | 1 1          |                                 |  |                  |             |  |  |  |
|      |   |                          |  |          |              |                                 |  | -                | <del></del> |  |  |  |
|      | 6   |                          |  | 111      |              | 1.1                             | 1111111                                |                  |             |  |  |  |

B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of

XVI., Part A. Report quantities using whole numbers.

| -  | Line<br>Number | Description of Waste     | Waste I<br>(See Co | azardou <b>s</b><br>Number<br>ode List) | Calif,<br>Waste<br>Code | Hand-<br>ling<br>Method         | Amount of Waste               | Unit<br>of<br>Measure | Shipped<br>Offsite |
|----|----------------|--------------------------|--------------------|---|-------------------------|---------------------------------|-------------------------------|-----------------------|--------------------|
| -  | 1              | Waste oil & mixed oil    | NON                | RCRA                                    | 2 ,2 ,1                 | R 4:1                           | 1 1 1 1 1 1 1 8 0 0           | P                     | Х                  |
|    | 2              | Waste oil & mixed oil    | NON                | RCRA                                    | 2 12 11                 | D 18 1                          | 1 1 1 1 1 1 2 17 10 10        | G                     | Χ                  |
|    | 3              |                          |                    |   |                         |                                 | 1 1 1 1 1 1 1 1 1             |                       |                    |
|    | 4              |                          |                    | 111                                     | 11                      |                                 | 1111111                       |                       |                    |
| ٠. | 1              | Polymeric resins         | 0,0,0,1            |   | 2 17 12                 | D <sub>1</sub> 8 <sub>1</sub> 1 | 1 1 1 1 1 1 1 1 3 1 2 1 9 1 0 | Р                     | Х                  |
|    | 2              |                          |                    |   | 11                      | 1 1                             | 111111                        |                       |                    |
|    | 3              |                          |                    |   |                         |                                 |                               |                       |                    |
|    | 4              |                          | 111                |   |                         | , ,                             | 1111111                       |                       |                    |
| :  | 1              | Latex waste              | 0101011            | 1.1.1                                   | 21911                   | 0 8 1                           | 1 1 1 1 2 10 14 17 10         | Р                     | X                  |
|    | 2              |                          |                    |   | 1 1                     |                                 |                               |                       |                    |
|    | 3              | ·                        | 1 1 1              |   | 1                       | 11                              |                               |                       |                    |
| _  | 4              | :                        | 111                | 111                                     | 1 1                     | 11                              |                               |                       |                    |
| ۷. | 1              | Pesticides & other waste | non                | RCRA                                    | 2 13 12                 | D1811                           | 1 1 1 1 1817 10 10            | Р                     | X                  |
|    | 2              |                          | 1 1 1              | 1_1_1_                                  | 1.1                     |                                 |                               |                       |                    |
|    | 3              |                          | 111                | 111                                     | 1 1                     | 1 1                             |                               |                       |                    |
| ļ  | 4              |                          | 1                  |   |                         |                                 |                               |                       |                    |

CII. COMMENTS (Label entries by section and line number.)

- I-1) Some materials shipped out for recycle were not accompanied by a manifest. Some material that were landfilled went out as Hazardous Waste Solid under several different codes.

  Some materials manifested in under 222 and 233 were sent out under a variety of different waste codes i.e. 461, 551, 352.
- II-1) Includes paint, some materials recycled under solvent codes.
- III-1) Includes some materials from 272.
  - IV-1) Shipped out as household waste see 612.

| ΧI\  | /.             | FACILITY EPA I.D. NUMBER [C   A   T   0   8   0   0   1   4   0   7   9  | XV.                                    | fac<br>2. The                 | ility.<br>waste st      | treams re                       | orted on this page were generation on this page were received. |                       | n an off           |
|------|----------------|--|--|-------------------------------|-------------------------|---------------------------------|--|-----------------------|--------------------|
| χV   | 1.             | WASTE IDENTIFICATION AND MANA A. WASTE TREATMENT AND STOR Report only waste treated or stored sequential order for each waste code | AGE<br>d at this facil<br>e. One waste | lity. Report                  | section.                | es using w                      | hole numbers. List treatment                                   | ·                     | e steps ir         |
|      | Line<br>Number | Description of Waste   | Waste N                                | zardous<br>Number<br>de List) | Calif.<br>Waste<br>Code | Hand-<br>ling<br>Method         | Amount of Waste  | Unit<br>of<br>Measure | Shipped<br>Offsite |
| 1.   |                | Biological waste other   | non                                    | RCRA                          |                         |                                 |  |                       |                    |
| ••   | 1              | than sewage sludge   |  | 1.1.1                         | 31212                   | S <sub>1</sub> 0 <sub>1</sub> 1 | 1 1 1 1 511101510  | Р                     |                    |
|      | 2              |  | 1 1 1                                  |                               | 11                      | - 1 - 1                         | -  | -                     |                    |
|      | 3              |  | 111                                    |                               | 1-1-                    |                                 |  |                       |                    |
|      | 4              |  |  | 1.1.1                         |                         | 1.1                             |  |                       |                    |
|      | 5              |  |  |                               |                         | -                               |  |                       |                    |
|      | 6              |  | , , ,                                  | , , ,                         | 1                       | 1 1 1                           |  |                       |                    |
| 11.  | -              | Off-specification, aged, or surplus organics   | non-                                   | RCRA                          |                         | S <sub>1</sub> 011              | 1 1 1 1 1 17101010   | P                     |                    |
|      | 2              | 01 34.p.u.s 01 quittes   | 111                                    | f i i                         |                         | 1 1                             |  |                       |                    |
|      | 3              |  | 111                                    |                               | 1 1                     |                                 |  |                       |                    |
|      | 4              |  | 111                                    | Î                             |                         |                                 |  |                       |                    |
|      | 5              |  |  | 1 1 1                         |                         |                                 |  |                       |                    |
|      | 6              |  | 1 1 1                                  |                               |                         | 1 1                             |  |                       |                    |
| 111. | 1              | Unspecified organic<br>liquid mixture  | 0,0,0,1                                |                               | 31413                   | S <sub>1</sub> O <sub>1</sub> 1 | 1                        | G                     |                    |
|      | 2              | Unspecified organic  | DI 01 01 1                             | 1 1 1                         | 31413                   | SI 0   1                        |  |                       |                    |
|      | 3              |  |  | 1 1 1                         |                         |                                 |  |                       |                    |
|      | 4              |  | 1 1 1                                  | 111                           | 11                      | 1 1                             |  | -                     |                    |
|      | 5              |  | 111                                    | 111                           | 11                      | 1                               | 1111111  |                       |                    |
|      | 6              |  | 1 , , ,                                | 111                           | 111                     |                                 | <br>   |                       |                    |
| IV.  | 1              | Other organic solids   | non                                    | RCRA                          | 31512                   | S <sub>1</sub> O <sub>1</sub> 1 |  | Р                     |                    |
|      | 2              |  | 111                                    | 111                           | 11                      |                                 | 1111111  |                       |                    |
|      | 3              |  |  | 1 1 1                         |                         | 1                               | 1111111  |                       |                    |
|      | 4              |  |  | 1 1 1                         |                         |                                 | 1111111  |                       |                    |
|      | 5              |  |  |                               | 1 1                     | 1 1                             | 1111111  |                       |                    |

### XVI. WASTE IDENTIFICATION AND MANGEMENT

B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of

XVI., Part A. Report quantities using whole numbers.

| XVI., Part A. Report quantities using whole numbers. |                |                        |                |            |             |  |         |             |  |     |                                 |     |    |     |        |      |          |      |            |           |             |
|--|----------------|------------------------|----------------|------------|-------------|--|---------|-------------|--|-----|---------------------------------|-----|----|-----|--------|------|----------|------|------------|-----------|-------------|
|  | ē              |                        | E              | PΑ         | Ha          | zaro   | ious    | 3           | Calif  |     | Hand-                           |     |    |     |        |      |          |      |            | Unit      |             |
|  | · 유            | •                      | 1              | Was        | te l        | Num  | ber     |             | Wast   | e   | ling                            |     |    |     |        |      |          |      |            | of        | Shipped     |
|  | Line<br>Number | Description of Waste   | 1              | See        | Co          | de L   | .ist)   |             | Code   |     | Method                          |     | Α  | mou | nt     | of \ | Was      | te   |            | Measure   |             |
|  |                |                        | <u> </u>       | ION        |             |  | CR      |             | -  |     |                                 |     |    |     |        |      |          |      |            | 1         | 1           |
| •  |                | Biological waste other | 1. "           | IUI        |             | "  | CKI     | ٦.          | 122  |     | 0 0 1                           |     |    |     |        | _    | <b>.</b> | 0 5  |            | P-        | V           |
| -  | 1              | than sewage sludge     | <del>  1</del> | _          | _           | ш  |         |             | 31 21  | ۷   | D <sub>1</sub> 8 <sub>1</sub> 1 |     |    | 1   | $\Box$ | 21   | 1        | 0,5  | 10         | P-        | X           |
|  |                | •                      |                |            | ,           |  |         |             | 1  |     |                                 |     |    |     |        |      |          |      |            |           | ļ           |
|  | 2              |                        |                | 1          | ſ           |  | _!_     | 'n          | 111  |     |                                 |     |    | 1!  |        | 1    |          | 1    | 1          | <u>i_</u> | 1           |
|  |                | _                      | 1              |            |             |  |         | •           |  |     |                                 |     |    |     |        |      |          |      |            |           |             |
|  | 3              | <i></i>                | 1 .            | ī          | ı           | ١,   |         | 1           | 1  |     |                                 |     |    | , , |        | ,    | - 1      | t    |            |           | 1           |
|  | -              |                        |                |            |             | <del>                                     </del> |         | <del></del> | <del> </del>                                     |     | <del></del>                     |     |    |     |        |      |          |      |            |           | <del></del> |
|  | 4              | •                      | ١.             |            |             | ١.   |         |             | 1  | -   |                                 |     |    |     |        |      |          |      |            | 1         | l           |
|  | 4              |                        | 1              | 1          |             | <del>     </del>                                 | . !     |             | <del>                                     </del> |     |                                 | _!_ |    | !   |        | !    | !_       |      | !          | !         | -           |
|  |                | off-spec               |                |            | _           | ı  |         |             |  |     |                                 |     |    |     |        |      | _        |      |            | _         |             |
|  | 1              | aged, surplus only     | DLC            | ) <u>(</u> | 1           |  | $\perp$ |             | 3 3  | 1   | D <sub>1</sub> 8 <sub>1</sub> 1 | 1   | 1  | 1   |        |      | 51       | 01 0 | <u> 10</u> | Р         | X           |
|  |                |                        | 1              |            |             |  |         |             | 1  |     |                                 |     |    |     |        |      |          |      |            |           |             |
|  | 2              |                        | 1              | 1          | 1           | 1  | 1       | 1           | 1  |     | 1 1                             | 1   | 1  | 1 1 | 1      | 1    | •        | 1    | 1          |           |             |
|  |                |                        |                | -1         | 1           | <del>i l</del>                                   |         |             | 1  | i   |                                 |     |    |     |        |      |          |      |            | <u> </u>  |             |
|  | 3              |                        | ١.             | ,          |             | ١.   |         |             | 1  | - 1 |                                 |     |    |     |        |      |          |      |            |           |             |
|  | ب              |                        | -              |            | _           | -  |         |             |  | -1  |                                 |     | 1. | 1   |        |      |          |      |            |           |             |
|  |                |                        | l              |            |             | 1  |         |             |  |     |                                 |     |    |     |        |      |          |      |            |           |             |
|  | 4              |                        |                | 1          |             | 1  |         |             |  |     |                                 |     | 1  | 1 1 |        |      | _1_      | 1    | 1          |           |             |
| 111.   |                |                        | NC             | N          |             | RC   | RA      |             | 1  | l   |                                 |     |    |     |        |      |          |      |            |           |             |
|  | 1              | Other organic solids   | 1              | İ          | !           | 1  | 1       | 1           | B 5 2  | 2   | D 8 1                           | !   | 1  | 1 1 | 1      | 11   | 1:       | 71 3 | 4          | Р         | Х           |
|  |                |                        | 1              |            | <del></del> | _  |         |             | T  |     |                                 |     |    |     |        |      |          |      | -          |           |             |
|  | 2              |                        | 1.             | ı          |             | ١.   |         | ,           |  |     |                                 | ,   | ,  | 1 1 |        |      |          |      | ,          |           |             |
|  | -              |                        |                | 1          | <u> </u>    |  |         |             |  | -+  |                                 |     |    | 1   |        |      | !_       |      | !          |           |             |
|  |                |                        |                |            |             |  |         |             |  | ١   |                                 |     |    |     |        |      |          |      |            |           |             |
|  | 3              |                        |                |            |             |  |         |             | $\sqcup \sqcup$                                  | _   |                                 |     |    |     | _1     | _1   |          |      |            |           |             |
|  |                |                        | ١.             |            |             | l  |         | _           |  | - 1 |                                 | ٠.  |    |     |        |      |          |      |            |           |             |
|  | 4              |                        | 1              |            | 1           | 1 1  | 1       | Ī           | 111  | - 1 | 1.1                             | 1   | 1  | 1 1 | - 1    | 1    | 1        | 1    | 1          |           |             |
| - ,-   |                |                        | 1              |            |             |  |         |             | 1  | ī   |                                 |     |    |     |        |      |          |      |            |           |             |
| •  | 1              | Paint sludge           | DI C           | וו ה       | 1           | 1.   | ï       | 1           | 4161   | ı٠l | R:1:1                           | . 1 | ٠. | 1 1 | ,      |      | , ,      | 515  | 10         | G         | χ           |
|  |                | Tarine Studge          | 171            | <u> </u>   | 1           | $\vdash$   |         |             | 1-101  | -   | 1/11/1                          |     |    |     |        |      |          | 117  | 10         | u u       |             |
|  | 2              |                        |                |            |             |  |         |             | ٠  |     | 0.0.1                           |     |    |     |        |      | ~        | _    |            |           | V           |
|  | -              | Paint sludge           | DI C           | 10         | 1           |  | $\perp$ |             | <u> 4  6  ]</u>                                  | Ļ   | D 18 11                         |     |    |     |        | 4 16 | 0 12     | 10   | U          | Р         | Χ           |
|  |                |                        |                |            |             |  |         |             |  |     |                                 |     |    |     |        |      |          |      |            |           |             |
|  | 3              |                        |                |            |             |  | 1       |             |  |     |                                 | _1_ |    | 1_1 |        |      | _1       | 1    |            |           |             |
|  |                |                        |                |            |             |  |         |             |  |     |                                 |     |    |     |        |      |          |      |            |           |             |
|  | 4              |                        | 1.             |            | .           | Ι.   |         |             |  | - 1 |                                 |     |    |     |        |      |          |      | - i        |           |             |

XVII. COMMENTS (Label entries by section and line number.)

- I-1) Hospital infectious waste.
- II-1) Some material shipped out as 551.
- III-1) Includes materials from other State Codes i.e. 222, 223.

|     |                | This report  | is for the ca                                  | lendar year         | ending D              | ecember                         | <b>კ I,</b> 198 <b></b> ზ       |               |                    |
|-----|----------------|--|--|---------------------|-----------------------|---------------------------------|---------------------------------|---------------|--------------------|
| `   | <b>/.</b>      | FACILITY EPA I.D. NUMBER   | XV.  |                     | e waste st<br>cility. | reams rep                       | ported on this page were genera | ited on th    | he $\square$       |
|     |                | C1A1T1018101011141017191   |  | 2. Th               |                       |                                 | ported on this page were rece   | ived fron     | nanoff<br>X⊠       |
|     | 1.             | WASTE IDENTIFICATION AND MAN A. WASTE TREATMENT AND STOR Report only waste treated or store sequential order for each waste code | AGE<br>d at this faci                          | lity. Repor         | t quantitie           | es using w                      | hole numbers. List treatment    | or storage    | e steps i          |
| -   | 200            |  | I .  | azardous            | Calif.                | Hand-                           |                                 | Unit          |                    |
|     | Line<br>Number | Description of Waste   | 1  | Number<br>ode List) | Waste<br>Code         | ling<br>Method                  | Amount of Waste                 | of<br>Measure | Shipped<br>Offsite |
|     | 1              | Paint Sludge   | D <sub>1</sub> 0 <sub>1</sub> 0 <sub>1</sub> 1 |                     | 4, 6, 1               | S, 0, 1                         | 1 1 1 1 1 1 5 5 0               | G             |                    |
|     | 2              | Paint sludge   | 0,0,0,1  |                     | 4, 6, 1               | S <sub>1</sub> 0 <sub>1</sub> 1 | 1 1 1 3 2 7 0 0                 | Р             |                    |
|     | 3              |  | 111  | 111                 |                       |                                 | 111111                          |               |                    |
|     | 4              |  |  | 111                 | 111                   | -                               | 1 1 1 1 1 1 1 1                 |               |                    |
|     | 5              |  | 1 1 1  |                     |                       | -                               |                                 |               |                    |
|     | 6              |  | 1,,,   |                     | 1,,                   | 1 1                             |                                 |               |                    |
| -   | 1              | empty containers<br>30 gallons or more   | non  | RCRA                |                       | S <sub>1</sub> 0;1              | 11113700                        | Р             |                    |
|     | 2              |  |  | FIL                 |                       | 11                              |                                 |               |                    |
|     | 3              |  | - 1 1 1  | 1 1 1               | 11                    | 11                              |                                 |               |                    |
|     | 4              |  |  |                     |                       | - :                             |                                 |               |                    |
|     | 5              |  | 111  | 1 1 1               |                       |                                 |                                 |               |                    |
| _   | 6              |  |  | ! ! !               |                       | 1 1                             | 1111111                         |               |                    |
| 11. | 1              | empty containers<br>30 gallons or less   | non  | RCRA                | 1-                    | SI 01 1                         | 111111267                       | Р             |                    |
|     | 2              |  | 111  | 1 1 1               | 11                    | 11                              |                                 | -             |                    |
|     | 3              |  | 111  | 111                 | 11                    |                                 |                                 |               |                    |
|     | 4              |  | 111  | 1 1 1               | 111                   | 1 1                             | 11111111                        |               |                    |
|     | 5              |  | 111  | 111                 | 11                    | 11                              | 1111111                         |               |                    |
|     | 6              |  | 111  | 1 1 1               |                       | 11                              | 1111111                         |               |                    |
| ٧.  | 1              | Laboratory waste chemicals   | D101011  | D101011             | 5 5 11                | SI 0I 1                         | 1 1 1 1 4 5 9 3 1 1             |               |                    |
|     | 2              |  | 1 1 1  | 111                 |                       | 1 1                             | 111111                          |               |                    |
|     | 3              |  | 111  | 1 1 1               | 11                    | 1 1                             | 1111111                         |               |                    |
|     | 4              |  |  |                     | 11                    | 1 1                             | 1111111                         |               |                    |
|     | _              |  |  |                     |                       |                                 |                                 |               |                    |

### XVI. WASTE IDENTIFICATION AND MANGEMENT

B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of

XVI., Part A. Report quantities using whole numbers.

|     | Line<br>Number | Description of Waste       | EPA Ha<br>Waste N<br>(See Co | lumber | Calif.<br>Waste<br>Code | Hand-<br>ling<br>Method         | Amount of Waste     | Unit<br>of<br>Measure | Shipped<br>Offsite |
|-----|----------------|----------------------------|------------------------------|--------|-------------------------|---------------------------------|---------------------|-----------------------|--------------------|
| 1.  | 1              | Empty container            | non .                        | RCRA   | 5,1,2                   | D <sub>1</sub> 8 <sub>1</sub> 1 | 1 1 1 1 1310101010  | P-                    | X                  |
|     | 2              |                            | _1_1_1                       | 1-1-1- | 11                      | 1 1                             | 1 1 1 1 1 1 1 1 1 1 |                       |                    |
|     | 3              |                            | 1 1 1                        | 1 1 !  | 1 1                     | 1 1                             | 1 1 1 1 1 1 1 1 1   |                       |                    |
|     | 4              |                            |                              | 1 [ ]  | 1 1                     | 1 1                             | 1111111             |                       |                    |
| ī   | 1              | Empty container            | non                          | RCRA   | 5  1  3                 | D <sub>1</sub> 8 <sub>1</sub> 1 | 1 1 1 1 1 16101010  | Р                     | Х                  |
|     | 2              |                            | 1 1 1                        | 1 1 1  | 1 1                     | 1 1                             |                     |                       |                    |
|     | 3              |                            | 1                            | 1 1 1  | 1 1                     |                                 |                     |                       |                    |
|     | 4              |                            |                              | 111    | 1 1                     |                                 | 1111111             |                       |                    |
| il. | 1              | Waste Laboratory chemicals | variet                       | y<br>  | 51 51 1                 | Di 8i 1                         | 1 1 1 2 3 1 8 6 0   | Р                     | Х                  |
|     | 2              |                            | 1 1 1                        | 1 1 1  | 1 1                     | 1 1                             |                     |                       |                    |
|     | 3              |                            |                              |        | 1 1                     |                                 |                     |                       |                    |
|     | 4              |                            |                              | 1 1 1  | 1                       |                                 |                     |                       |                    |
| 1   | 1              | Contaiminated soil         | NON                          | RCRA   | 6,1,1                   | D <sub>1</sub> 8 <sub>1</sub> 1 | 1 1 1 1 213191010   | Р                     | X                  |
|     | 2              | Con ca fill ha se a so i   | 1 1 1                        | 1 1 1  | 1 1                     |                                 | 1 1 1 1 1 1 1 1     | -                     |                    |
|     | 3              |                            |                              |        | 1 1                     |                                 |                     |                       |                    |
|     | 4              |                            | 1 1 1                        | 1 1 1  | 1 1                     |                                 |                     |                       |                    |

VII. COMMENTS (Label entries by section and line number.)

- - IV-1) Shipped out under misc. other codes.
  - I-II) Includes waste containers generated from solidation of materials.

| XIV. | FACILITY EPA I.D. NUMBER  | X |
|------|---------------------------|---|
|      | [C1A17101810101114101719] |   |

1. The waste streams reported on this page were generated on the facility.

2. The waste streams reported on this page were received from an off site generator.

### XVI. WASTE IDENTIFICATION AND MANAGEMENT

A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

|      | - ,            | sequential order for each waste code  | e. One waste | stream per                    | section.                |                                 |                       |                       | 1                  |
|------|----------------|---------------------------------------|--------------|-------------------------------|-------------------------|---------------------------------|-----------------------|-----------------------|--------------------|
|      | Line<br>Number | Description of Waste                  | Waste I      | zardous<br>Number<br>de List) | Calif.<br>Waste<br>Code | Hand-<br>ling<br>Method         | Amount of Waste       | Unit<br>of<br>Measure | Shippe:<br>Offsite |
| i.   | 1              | Contaminated soil                     | Misc         | 1 1 1                         | 61111                   | S <sub>1</sub> 0 <sub>1</sub> 1 | 1 1 1 1213191010      | Р                     |                    |
|      | 2              |                                       |              | 111                           |                         | - 1 1                           | -                     | -                     |                    |
| -    | 3              |                                       |              | 1 1 1                         |                         |                                 |                       |                       |                    |
|      | 4              |                                       |              | 1 1 1                         |                         |                                 |                       |                       |                    |
|      | 5              |                                       |              | <u> </u>                      |                         | -                               | 111111                |                       |                    |
|      | 6              |                                       | 111          | 1 1 1                         |                         |                                 | <u> </u>              |                       |                    |
| 11.  | 1              | Household wastes                      | Misc         | 111                           | 61112                   | S <sub>1</sub> 0 <sub>1</sub> 1 | 1 1 1 1516111010      | Р                     |                    |
|      | 2              |                                       | 1 1 1        | Fil                           | 11                      | 1 1                             |                       |                       |                    |
|      | 3              |                                       | -            | 111                           |                         |                                 |                       |                       |                    |
|      | 4              |                                       | 111          | 1 1 1                         |                         | 1 1                             |                       |                       |                    |
|      | 5              |                                       |              | 111                           |                         |                                 | 11,111                |                       |                    |
|      | 6              |                                       |              | <u> </u>                      | 1 ,                     |                                 | 1111111               |                       | 1                  |
| 111. | 1              | Liquids with lead                     | DI 0I 0I 8   | 111                           | 71214                   | Si 0i 1                         | 1 1 1 1 1 1 6 0 0 0 0 | Р                     |                    |
|      | 2              | <del>-</del>                          | 1 1 1        | 1 1 1                         | 11                      |                                 | 1 1 1 1 1 1 1 1       |                       |                    |
|      | 3              | , , , , , , , , , , , , , , , , , , , | 1 1 1        | 1 1                           | 1 1                     |                                 |                       |                       |                    |
|      | 4              |                                       | 111          | 111                           | 111                     | 1.1                             | 1 1 1 1 1 1 1 1       |                       |                    |
|      | 5              |                                       | 111          | 111                           | 11                      | 11                              |                       |                       |                    |
| īV.  | 6              |                                       | 111          | 1 1 1                         | 111                     | 1 1 1                           | 111111                |                       |                    |
| ٠٧.  | 1              |                                       | 111          | 1 1 1                         | 1.1                     | 11                              | 111111                |                       |                    |
|      | 2              | •                                     | 111          | 111                           | 1 1                     | 11                              |                       |                       |                    |
|      | 3              |                                       | 1 1 1        | 111                           | 1 1                     | 11                              | 1111111               |                       |                    |
|      | 4              |                                       | 111          | 111                           | 11                      | 1 1                             | 1111111               |                       |                    |
|      | 5              |                                       | 111          | 1.1.1.                        |                         |                                 |                       |                       |                    |
|      | 6              | •                                     |              | 111                           | 1                       | 11                              |                       |                       |                    |

|  |  | , |  |
|--|--|---|--|
|  |  |   |  |
|  |  |   |  |

# ATTACHMENT G PART A APPLICATION

| 3   | 6  |  | P   |   | _   |                                  | onsoli   | date                   | d Pei                         | mits                   | Prog   | าระกา                                   |                       |                               |   |                                  | FC                    | 加                  | [3]            | 3 -               | 7      | ب              | 1                                  | 1               | 工                      | Ī               |
|---|--|--|---|---|---|----------------------------------|--|------------------------|-------------------------------|------------------------|--|---|-----------------------|-------------------------------|---|----------------------------------|-----------------------|--------------------|----------------|-------------------|--------|----------------|------------------------------------|-----------------|------------------------|-----------------|
| OR OFFICIAL USE ONLY                      |  | NI V   | (This information is required under Section 3305 of RCRA.)      |   |   |                                  |  |                        |                               |                        |  |   |                       |                               |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
| APPLICATION DATE RECEIVED                 |  |  |   |   | -   | COMMENTS                         |  |                        |                               |                        |  |   |                       |                               |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
| APPRO                                     | VED                                      |  | & day)  |   |   |                                  |  |                        |                               |                        |  |   |                       |                               |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
| FIRS                                      | ST O                                     | R REVISE                                     | D APPLI   | CATI  | ON  |                                  |  |                        | -                             | 1900                   | -  | *************************************** | -                     |                               |   |                                  |                       | A TOUR             | 7              |                   |        |                |                                    |                 | -                      | -               |
| Place an ised a                           | "X" i<br>pplica<br>Num                   | n the approp<br>tion. If this<br>ber in Item | oriate box<br>is your file<br>I above.                          | in A or   | B belo  | and yo                           | u aire   | ady                    | knov                          | w you                  | ur fa  | cility'                                 | vhet<br>s EP          | her i                         | this<br>D.  | s is the first a<br>Number, or i | pplicat<br>if this is | ion you<br>a revis | are s<br>ed ap | ubmi<br>plicat    | ion, e | or y           | your                               | facii<br>ir fac | ity o<br>alit <b>y</b> | \$              |
| A. FIRS                                   | ST A                                     | PPLICATI                                     | CILITY (S   | see inst  | ruction   | wand po<br>as for de<br>a below. | finiti   | n the                  | appi<br>f "ex                 | ropru<br>cistin        | ate d<br>g" fo   | ate)<br>cility                          |                       |                               |   |                                  | <u>)</u> 2.1          | IEW FA             | CIL            | ITY (C            | FOR    | 3 N            | EW F                               | ACI             | w.)<br>LITI<br>DAT     | 25.<br>E        |
| 13 72                                     | Ţ.<br>1                                  | MO. 0  | OPE!  | EXIST<br>RATIO<br>the box                       | N BEG   | ACILIT<br>AN OR<br>he left)      | THE  | PRO<br>DA              | VID<br>TE C                   | E TH                   | TRU  | CTIC                                    | (yr.,<br>on C         | то.<br>ОМ                     | , &   | day)<br>ENCED                    | YA.                   | M 0                |                | 77 78             | (yr.,  | MO<br>N B      | L, & C                             | iay)<br>In o    | OPE<br>R IS<br>BEG     | RA              |
| PREV                                      | ISE                                      | APPLICA                                      | TION (  |   |   | elow ar                          | and complete Item I above)                     |                        |                               |                        |  |   |                       | 2. FACILITY HAS A RCRA PERMIT |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
| III. PRO                                  | OCES                                     | SES - CO                                     | DES AN  | D DES   | IGN   | CAPA                             | CITIE  | ES .                   |                               |                        | -  |   |                       |                               |   | Single Santalana                 |                       | を変                 | ٠              |                   |        |                | 7 7                                | 27              |                        |                 |
| enter<br>descr<br>3, PROG<br>1, A<br>2, U | ing co<br>ibe th<br>CESS<br>MOU<br>NIT ( | des. If more process (in DESIGN CANT — Enter | e lines are<br>icluding it<br>MACITY<br>the amous<br>RE — For s | needed<br>s design<br>- For e<br>nt.<br>each am | l, enter<br><i>capac</i><br>each co   | the codity) in to<br>de ente     | de <i>(s)</i> i<br>the spa<br>red in<br>in col | n the<br>ace p<br>colu | e spa<br>provi<br>umn<br>B(1) | ce pr<br>ded d<br>A en | rovid<br>on th<br>iter ti  | ed, it<br>e form<br>he cap<br>he cod    | fap<br>m (/:<br>pacit | roce<br>tem<br>ty of          | ///-  |                                  | that is r             | not incl           | uded           | in the            | iist a | of CC          | odes (                             | nelov           | w, tn                  | r<br>∌n         |
|   |  | ROCESS                                       |   | PRO-<br>CESS<br>CODE                            | APF<br>ME   | PROPRI<br>ASURE<br>DESIGN        | ATE<br>FOR                                     | UNI<br>PRO             | TS C                          | F                      |  |   |                       |                               | PRO   | OCESS                            |                       | PRO<br>CES<br>COD  | S              | APPR<br>MEAS<br>D |        | FC             | R P                                | COF             | ESS                    |                 |
| orage                                     |  |  |   |   |   |                                  |  |                        |                               |                        |  | Trea                                    | tme                   | nt:                           | _   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
| CONT                                      | AINE                                     | R (barrei, di<br>E                           | um, etc.)   | 501<br>502<br>503                               | S02 GALLONS OR LITERS<br>S03 CUBIC YARDS OR   |                                  |  |                        |                               |                        | TANK<br>SURFACE IMPOUNDMEN'T   |   |                       |                               | •   | T0                               | 2 6                   | ALLO               | S PEI          | P D.              | AY     |                |                                    |                 |                        |                 |
| IRF                                       | ACE I                                    | MPOUNDM                                      | ENT   | 504   | CUBIC METERS<br>\$04 GALLONS OR LITERS  |                                  |  |                        |                               | INCINERATOR            |  |   |                       | TO                            | LITERS PER DAY  103 TONS PER HOUR OR  METRIC TONS PER HOUR: |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
| Dispos                                    |  |  |   |   |   |                                  |  |                        | _                             |                        |  |   |                       |                               |   |                                  |                       |                    | •              | ALL               | ONSI   | PER            | HO                                 | URC             |                        |                 |
| LAND APPLICATION                          |  |  |   | D81<br>D82<br>D63                               | D80 ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR process HECTARE-METER surface ators. |                                  |  |                        |                               |                        | OTHER (Use for physical, chemical, TO4 GALLONS PER DAY OR thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.) |   |                       |                               |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
|   |  |  |   | UNIT  | OF  |                                  |  |                        |                               |                        |  |   |                       |                               | UN  | IIT OF                           |                       |                    |                |                   |        |                |                                    | U               | VIT (                  | )F              |
|   | o=                                       | - 4 01 10 5                                  |   | MEAS  | URE   |                                  |  | - 0                    |                               |                        |  |   |                       |                               | ME.   | ASURE                            |                       | WT 05              | 146            |                   | _      |                |                                    |                 | ASU                    |                 |
|   |  | EASURE                                       |   | co  |   |                                  | UNIT OF MEASURE CODE                           |                        |                               |                        |  | ODE                                     |                       | NIT OF                        |   |                                  |                       |                    |                |                   | CODI   |                |                                    |                 |                        |                 |
| LIFER                                     | S  | DS   |   |   | L   | TONS PER HOUR                    |  |                        |                               |                        |  | D                                       | H                     | ECTAR                         | E-M   | TER                              |                       |                    |                |                   | F      |                |                                    |                 |                        |                 |
| CUBIC                                     | MET                                      | ERS  |   |   | C   | GALLONS PER HOUR                 |  |                        |                               |                        |  | <b>E</b>                                |                       | ECTAR                         |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
|   |  | PER DAY .<br>OR COMPLE                       |   |   |   | in line                          |  |                        |                               |                        |  |   |                       |                               |   | н<br>y has two sto               | orace ta              | inks. on           | e tar          | ık can            | hold   | 200            | ) call                             | ons a           | ınci t                 | he              |
|   |  | 400 gallors                                  |   |   |   |                                  |  |                        |                               |                        |  |   |                       |                               |   |                                  |                       |                    |                |                   |        |                | <b>J</b>                           |                 |                        |                 |
|   |  | D U  | D   |   | 7/A C   | 7                                | 7  |                        | 7                             | $\overline{}$          |  | $\overline{}$                           | $\overline{\ }$       | 7                             | 7   | 11                               | 1                     | 7                  | abla           | 7                 | 1      |                | /                                  | _               |                        | $\overline{\ }$ |
| t =                                       |  |  |   |   | 14 15   |                                  | $\overline{}$                                  | 7                      |                               | 7                      | 7  | $\Delta$                                | $_{\perp}$            | $\overline{}$                 | _   | 777                              | 7                     | 77                 | $\overline{}$  | $\overline{}$     | 7      | 7              | 7                                  | 7               | $\overline{A}$         | $\overline{}$   |
|   | RO-                                      | B. P   | ROCESS  | DESI  | GN C.   | APACI                            | _  |                        |                               | FOR                    | •  | ER.                                     |                       | PRO                           |   | B. PR                            | OCES                  | SDES               | IGN            | CAP               | ACIT   |                |                                    | -               | FO                     | R               |
| Σ cc                                      | ESS<br>DDE<br>m list<br>ove)             |  | 1. AM   | OUNT  |   |                                  | 2. U<br>OF N<br>SU<br>(cn                      | IEA.<br>RE<br>ler      | OF                            | USE                    | AL   | LINE                                    | (fre                  | ESS<br>OD!<br>om li           | E   |                                  | 1. AN                 | AOUNT              | •              |                   |        | OF<br>SI<br>(e | JNIT<br>MEA<br>JRE<br>nter<br>ode) | ٠٠              | US<br>ON               | E               |
| 15  | 0 2                                      | 19   | 600   | )   |   | 17                               | G  | 7                      | Ï                             | Ť                      | 7,1  | 5                                       | "                     | T                             | •   | 19                               |                       | •                  |                |                   | 27     |                | 24                                 | 29              | Ιİ                     | 7               |
|   | 0 3                                      |  | 20  | )   |   |                                  | E  |                        |                               |                        |  | 6                                       |                       |                               |   |                                  |                       |                    |                |                   |        |                | 1                                  |                 |                        |                 |
| S   | 0 1                                      |  | 380   | ) <del>(</del> )                                |   |                                  | (  | :                      | П                             |                        |  | 7                                       |                       |                               | 1   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        | 7               |
|   |  |  |   |   |   |                                  |  |                        |                               |                        |  | 8                                       |                       |                               |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
|   |  |  |   |   |   |                                  |  |                        |                               |                        |  | 9                                       |                       |                               |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |
|   |  | 13   |   |   |   |                                  |  |                        | 20                            | Ţ                      | 12   | 10                                      | 14                    |                               | ,,  | ,,                               |                       |                    |                |                   | 17     |                | 70                                 | 29              |                        | $\Box$          |
| - Of                                      | m 35                                     | 10-3 (6-80)                                  |   |   |   |                                  |  |                        |                               | 0.4                    | ~=   |   | _ =                   |                               |   |                                  |                       |                    |                |                   |        |                |                                    |                 |                        |                 |

| A I.O. NLM          | BER (enter from page 1)                         | / / /                   | <del> </del> | FO              | ROFFICI  | AL USE ON | T/A C | - <del></del>           |  |  |
|---------------------|---|-------------------------|--------------|-----------------|--|-----------|-------|-------------------------|--|--|
|                     | 7/A c   | $\mathcal{L}$           | w            | Ì               | DUP  |           | 2     | DUP                     |  |  |
| IV. DESCRIPTIO      | IV. DESCRIPTION OF HAZARDOUS WASTES (continued) |                         |              |                 |  |           |       |                         |  |  |
| A. EPA<br>W HAZARD. | B. ESTIMATED ANNUAL                             | C.UNIT<br>OFMEA<br>SURE |              |                 |  | D.        | PROC  |                         |  |  |
| ZO WASTEND          | QUANTITY OF WASTE                               | (enter                  |              | 1. PROCE<br>(PR | SS CODES<br>ter)                                   | •         |       | 2. PROC<br>(if a code i | ess description and entered in D(1)  |  |
| 1 F 0 0 1           | 12/60   | 26                      | 2* - 29      | 27 - 29         | 27 - 29  | 27 - 29   |       |                         |  |  |
| 2 F0 U 6            | 7300  | P                       |              | 1 1             | ,  |           |       |                         |  |  |
| 3 F 0 0 7           | 9730  | P                       |              |                 |  | -         |       |                         |  |  |
| 4 = 000             | 7300  | 1/3                     |              | !               |  |           |       |                         |  |  |
| 5 F 00 3            | 10945   | P                       |              | <br> <br>       |  |           |       |                         |  |  |
| 6 F0/2              | 13240   | P                       |              |                 |  |           |       |                         |  |  |
| 7 F015              | 7300  | P                       |              |                 |  |           |       |                         |  |  |
| 8 P030              | 24,000  | P                       | 1            |                 |  |           |       |                         |  |  |
| 9 1/239             | 6000  | P                       |              |                 |  |           |       |                         |  |  |
| 10 U 2 2 0          | 6 cc :  | P                       |              |                 |  |           |       |                         |  |  |
| 11 0012             |   | P                       |              |                 |  |           |       |                         |  |  |
| 12 0019             | 6000  | P                       |              |                 |  |           |       |                         |  |  |
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| 24                  |   |                         |              |                 | †  |           |       |                         |  |  |
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| LILITY DRAWING   | and the forest the mining the reported |                                       | 32.5.77                                 |  |   |
| kisting facilities must include in the space provided on p   | page 5 a roste drawing                 | of the facility (see instruction      | is tor more ae                          | tail).   |   |
| OTOGRAPHS )  | Marie of the same of the same          |                                       |   |  |   |
| sting facilities must include photographs (aeria   | al or groundlevel                      | I that clearly delineate all e        | xisting struc                           | tures; existing stor   | age,  |
| tment and disposal areas; and sites of future stor   |  |                                       |   |  |   |
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| A. If the facility owner is also the facility operator as i  | isted in Section VIII                  | on Form 1 "General Informat           | ion" place an                           | "X" in the box to th   | e left and  |
| skip to Section IX below.  | isted in Section 4111                  | on rom i, General imomia              | ion , piace an                          | A III the box to the   |   |
| Material West and the Control of the |  | 5 1                                   | ! :•                                    |  |   |
| If the facility owner is not the facility operator as it   | sted in Section VIII                   | on Form 1, complete the tollo         | wing items:                             |  |   |
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| O. ERICKSON INC.   |  |                                       |   | 415 725  | 1391  |
|  |  |                                       | 55                                      | 50 - 50 10 - 61  | 62  |
| 3. STREET OR P.O. BOX  |  | 4. CITY OR TOWN                       | 5. 9                                    | 6. ZIP   | CODE  |
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DESCRIPTION OF HAZARDOUS WAS (continued)

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| to this application a topographic map of the area extending to           | at least one mile beyond property bounderies. The map must show  |
| rine of the facility, the location of each of its existing and pi        | roposed intake and discharge structures, each of its hazardous waste cts fluids underground. Include all springs, rivers and other surface   |
| es in the map area. See instructions for precise requirement             |  |
| URE OF BUSINESS (provide a brief description)                            |  |
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| / Index penalty of law that I have personally examined and a             | m familiar with the information submitted in this application and all  |
| ion, I believe that the information is true, accurate and com            | ediately responsible for obtaining the information contained in the aplete. I am aware that there are significant penalties for submitting   |
| ormation, including the possibility of fine and imprisonment.            |  |
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### ATTACHMENT H

## OPERATION PLAN (1983): EXCERPTS PERTAINING TO WASTE MANAGEMENT

### OPERATIONAL PLAN

Prepared by

BAY AREA ENVIRONMENTAL

for

THE CALIFORNIA STATE DEPARTMENT

0F

HEALTH SERVICE

(Hazardous Materials Section Berkeley, California)

First Plan Submitted, December 8, 1980

Revised Plan August 7, 1981 Revised Plan October 19, 1982 Revised Plan April 11, 1983

### OPERATION PLAN

### BAY AREA ENVIRONMENTAL COLLECTION/TRANSFER STATION RICHMOND, CALIFORNIA

#### I. IDENTIFICATION OF FACILITY

### Facility operator

Name:

Bay Area Environmental Mailing Address:

P.O. Box 579

Address:

1125 Hensly Street. Richmond, CA 94804

San Pablo, CA 94806

EPA ID#

CAT 080014079

Name and Address J.J. Magana Corp. of owner:

1125 Hensley Street

Mailing Address:

P.O. Box 579

Richmond, CA 94804

San Pablo, Ca 94806

Name of Person

Preparing the Plan and contact:

(415) 235,9422

Bill Wahbeh, President Mailing Address: Same as above

SIC# 4213, 4214, 4226, 4783

November 1981

The facility collects, receives and transfers containerized wastes from householders and small industrial establishments. Small containers and their contents are placed in 55 gallon drums. All containers are transferred to a Class 1 disposal site. If a waste can be economically recycled, the facility operator shall make every effort to do so. We have no on site treatment disposal or injection wells. Drawing No. 1,3,4, and 5 enclosed in the Appendix show the facility's layout. Draw, 5 shows the concrete slab design and dimensions. A wire mesh will be embedded in the concrete slab and in the berms.

l.

The 5" slab will be structurally strong enough to support the drums and equipment without cracking. The sealant applied to concrete surfaces will be compatible with the waste stored on the surface, e.g., acid, proof sealant for acid storage area.

The storage area will be protected from rain by a corrugated metal roof and canvas doors. Rainwater will not collect in the storage area, because the storage area floor will be sloped for proper drainage so as to prevent the drums from standing in liquid.

The drums will be standing on pallets as well. Run off from other areas cannot enter the storage area. The estimated storage capacity of each bermed area is 84 drums. Each bermed area will hold 20% of its container capacity. This is enough capacity to contain accidental spills. Both the storage of empty drums as well as the drum filling operatation will be located on the concrete slab.

The traffic flow is as show on drawing No. 1. Five parking spaces are designated for household parking area. Fuel will not be store on site and maintenance will be done on site.

A six foot chain link fence will be installed on the site's

boundary. The surface of the vehicles path will be asp, halt. All other areas will have gravel surface.

Size and number of vehicles using the facility would be:

1/2 ton pick up 2 1/2 ton truck 40' flat bed twice a day once a week' once a month

- V. CHARACTERISTICS OF HAZARDOUS WASTES HANDLED AT THE FACILITY.
  - A. 1. Hazardous waste handled at the facility is defined in Section 261.33(a) through (f), Title 40 of the Federal Register.

The facility operator will serve homeowners and a wide range of small & medium sized industries located in Contra costa County. At this time it is difficult to predict the quantities and types of waste which would be handled at the facility.

B. Methods for Identification of Hazardous Wastes.

This facility will be accepting small volume, containerized Wastes from homeowners and wastes from small generators.

It is assumed that all waste handled on site is toxic and precautions will be taken in regard of protecting the facility's operators, by providing safety and protective clothes.

Ignitability will be tested using a gas sniffer.

pH measurement is an excellent indication of the reactivity or corrosivity of chemicals.

All containers received at the facility must be labeled in accordance to the Department of Transportation, regulations Title 49, and Title 22, Section 66535 g.

It is the generator's responsibility to identify the waste and furnish the waste analysis on the manifest.

Waste characterization will be limited to test:

- 1) pH-acid or alkaline solution.
- 2) Flammability use a sniffer.
  - 3) Reactivity with water.

#### VI. MAJOR WASTE MANAGEMENT DEVISES USED AT THE FACILITY.

The containers used for the storage of hazardous waste are 55 gallon drums.

The waste stored in the containers is compatible with the container's material of construction.

Leaky 55 gallon containers will be overpacked. Leaky and corroded containers which are less than 55 gallon will be placed in 55 gallon steel drums. Plastic liners will be used in the drum if the waste is not compatible with the steel.

Allsmall containers and glass bottles will be packaged in 17 H
55 gallon/drums. Vermiculite or other approved absorbent material will be used as needed to fill in between the containers.

All labeling will be in accordance to D.O.T. specifications as stated in Title CFR 49, and Title 22, Section 66535 g.

The drum storage area is covered and no precipitation is expected in this area.

6.

The drums will be placed on pallets. The pallets will have rubber pads mounted at its end for floor surface protection.

Two foot aisle space is maintained for inspection between the drums.

### 2. Containment for the Drums Storage Area.

The drums are stored on a 5" concrete slab. One coat of paint is applied over the entire floor area. The paint is resistant to the chemicals stored on the slab. Construction details of this area are shown on drawing No. 5.

The concrete slab is divided into sections. Each section is contained within 6" high concrete berm, and slopes toward one end. The drums are mounted on pallets for protection from standing liquids.

Signs will be posted to direct the clients, who bring in the waste in their personal vehicles.

Each sign will read: "Do not remove containers from the vehicles, before checking with the facility's attendant."

The signs will be posted at: a) Facility Enterance

- b) Parking Lot Fence
- c) Office Door

#### E. Lighting

The facility will not operate during hours of darkness. Flood lights are presently installed in the yard.

#### F. Water Supply

The city water is available on site, and will be used for eye wash and shower. Bottled water will be inside the office for drinking.

#### VIII. OPERATIONAL PROCEDURE

Traffic flow and parking designations for homeowners and haulers are shown or DWG. No. 1, Homeowners will park in the area designated, then go to the office for the paper work. Signs will be posted to direct the clients, who bring in the waste in their personal vehicles.

Each sign will read: "Do not remove containers from the vehicles, before checking with the facility's attendant."

The signs will be posted at: a) Facility Enterance

- b) Parking Lot Fence
- c) Office Door

If the homeowner has a small container, it will be handled manually, if it is large, then it will be handled using a hand truck.

If the container is leaking, then a 5 gallon plastic bucket with cover will be used to enclose the leaky container. Five gallon steel bucket with cover will be used for flammables and solvents.

Unlabeled waste will not be tested or analyzed in the office area. The analytical bench will be located in the Oxidizers area, equipped, as specified in the operational plan.

The waste will be received from the homeowners and the operator will fill Form-1. After this step and preparing all paperwork and paying the fees, the homeowner involvement ends and he then returns to his car and leaves the facility. The facility operator is responsible for moving the containers to the appropriate waste area.

The facility will enforce the use of the manifest as outlined in 40 CFR section 264.76.

The following instructions will be given to other haulers regarding unloading methods:

- 1) Present paper work to the office.
- 2) The operator will check the manifest or the shipping papers and verify the load on the vehicle. Any discrepancies will be reported to HWMB.
- 3) Samples will be taken from the waste containers and analyzed by the operator. The driver has to wait until the results of the analysis are known.
- 4) The driver will be directed to proceed to the storage
- 5) Unloading will be done by the facility operator using the forlift. The truck driver must not leave the unloading. The operator will store each container in its designated area.
- 6) After unloading the driver picks up the receipt from the office and leaves the facility.

Extremely hazardous waste will be marked and noted in the monthly report.

If the containers received from the customer have labels on them, then this would suffice to indicate the manner in which the waste should be handle.

If the containers are not labeled then the following tests will be carried out on the bench in the oxidizers area:

- 1. PH Use Litmus Paper
- 2. Volatility Use Sniffer
- 3. Reactivity with Water Use one drop of the waste in a beaker of water.

Samples will be taken using a pipet and beakers. The waste from small industrial establishments will be analyzed every time the waste is delivered to the facility.

After the waste is identified the container must be labeled.

A competent operator with an education in chemistry will check the wast when it is received.

All drums will be properly labeled according to DOT regulations. Every truckload leaving the Station must be accompanied by a California Hazardous Waste Manifest. In addition to the California Hazardous Waste Manifest, an in-house Drum Manifest (Form-4), will accompany the drum shipment. Each container will have its receipt number marked on the outside.

"A Summary Sheet of Wast Received" (Form - 2.).

#### Control of Waste at the Facility

Waste will be stored in the facility in the proper area by category. Below is a list of these categories:

Acids

Alkaline Pesticides

Flammables Water Reactive

Small Gas Cylinders Oxidizers

Each section will be contained within a concrete berm. Small containers will be placed in drums immediately after receipt and the water reactive waste will be stored with the alkaline or oily wastes. No more than 5 gallons of water reactive waste is allowed in the facility. Glass bottles will be placed carefully inside of containers. Chemically incompatible wastes will not be packed together in the same shipping containers. After the drum is filled, it will then be closed and labeled. Fillers will be used between containers. All operations will take place on the concrete floor. Spilled material will be removed by Vacuum trucks. Empty drums for packing smaller containers will be purchased. No drums will be emptied or washed on-site. 17 H drums will be used.

The storage area will be inspected daily. Observations will be recorded on Form - 5.

Weights or volumes of these wastes are not known at this time, but will be reported to the Department of Health Services (DOHS), Hazardous Materials Management Section, (HMM) through the manifest system.

The design storage capacity of the 30' x 20' area is 85 drums. The EPA manual, "A method for Determining Hazardous Waste compatibility, "EPA - 600/2-80-076, will be used as a guide for packaging potential imcomatibles.

Small containers delivered to the Station will be handled manually. The Operator must wear the following protective clothing when handling hazardous waste: Rubber Suit, Gloves, Boots, Hard Hat, Face Shield or Goggles.

The protective clothing used on the facility would be of the disposal type and one time usage. Laundering of work clothes is not needed.

Two foot aisle space will be maintained in the storage area to allow for containers inspection by the operator.

Vehicles will not be washed off on the facility or in the storage area.

The operation of this facility does not require washing of vehicles. All waste will be containerized.

No smoking signs will be posted in the storage area and areas where flammable waste is handled.

The 55 Gallon leaky drums will be put in overpack drums immediately upon arrival to the facility. Containers less than 55 gallon capacity will put in 55 gallon drums immediately upon arrival to the facility. Steel drums will be used for alkaline solutions and steel lined drums for acidic waste. The drums will be closed at all times except when waste is added or removed.

The empty containers with hazardous waste will be handled as hazardous waste and will be subject to the same regulation.

Containers or their liners will be compatible with the wastes contained, e.g. Acidic solution will be placed in plastic lined containers.

New and reclaimed drums will be used on the facility.

Containers that had waste in it will not be used with incompatible waste.

Rainwater that might enter the storage pad will be handled as a hazardous waste.

Number of drums at the facility. (Form - 3)

Copies of the California Hazardous Waste Manifest.

Copies of Summary Sheet of Waste Received. (Form -2)

All accidents resulting in a hazard to public health, safety, domestic livestock or wildlife will be reported to DOHS immediately. A written inspection schedule and log will be kept at the facility until its closure. Copies of the contingency plan, evacuation plan, and job descriptions will be kept at the facility and submitted to all local and state agencies concerned.

#### List Of Forms:

Forms-1 Homeowners Waste Receipt

Forms-la Industrial Waste Receipt

Forms-2 Summary Sheet of Waste Received

Forms-3 Monthly Report

Forms-4 Drum Manifest Form

Form-5 Daily Inspection Sheet

Waste delivered by licensed haulers must be accompanied with California Waste Manifest.

The facility operator is considered a waste generator when he transfers the waste from the facility to a permitted disposal site. A waste hauler manifest must accompany the shipment from the facility to the disposal site.

An annual report will be submitted to the Department of Health Services, Harardous Waste Management Branch as outlined in 40 CFR Section 264.75. A copy of the fee return submitted to the State Board of Equalization will be sent to HWMB along with the monthly report.

If the facility accepts any hazardous waste from an off-site source without an accompanying shipping paper, the operator will use the unmanifested waste report as outlined in 40 CFR Section 264.76.

Copies of all waste manifests and receipts are kept on site until the closure of the facility.

The location of each type of waste in the facility is shown on drawing's 4 & 5. The quantity of each waste at each location will be reported monthly on Form - 3. Summary reports of incidents will be prepared within 24 hours after the incident.

Reports will indicate the nature of the incident, its cause, contingency plan, implementation, and prevetive measures to avoid future reoccurrence.

The results of inspections will be recorded on the Daily Inspection Form No. 5.

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# ATTACHMENT I VARIANCE

DECRETARINE OF REALTH SERVICES
THE PERSONNEL FLOOR
EL FLEE, CA. 12-124
(1-15) 5-1-20-3

Hillian



August 7, 1984

Mr. Bill Wahteh, P.E. President
Bay Area Environmental
1125 Hensley Street
Richmond, CA 94804

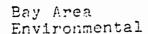
Re: Temporary Variance from Section V of Hazardous Waste Facility Permit CAT080014079

Dear Mr. Wahbeh:

On September 14, 1983, the Department of Health Services (DOHS) issued a temporary variance from Section V of your Hazardous Waste Facility Permit concerning the construction of doors on storage areas. This variance was extended on March 15, 1984. One of the conditions of that variance was that wastes were limited to household hazardous wastes and industrial wastes from small quantity generators as defined in 40 C.F.R. 261.5(a). In a letter dated July 25, 1984 you requested that this condition be deleted. In support of your request, you stated that your facility has "been inspected by DOHS and EPA and found to be in full compliance with the permit conditions." You also stated that you've "never encountered any security problems whatsoever."

As a result of your continuing compliance with permit operating requirements we hereby delete the condition of your variance limiting you to wastes from homeowners and small quantity generators. Your temporary variance will still be subject to the other conditions stated in our March 15, 1984 letter and repeated below:

- 1. The variance will expire thirty days after the courts make a final decision in the current suit brought against your facility.
- Status of the court decision shall be reported to this office, by telephone, on the next business day after a scheduled court hearing.
- 3. This office shall be notified by telephone on the next business day after you receive a final judicial decision.



- 4. No mere than ninety (90) drums of waste shall be stored at your Richmond facility at any one time.
- 5. Wastes shall be limited to household hazardous wastes and industrial wastes as defined in your permit.
- 6. All other sections of your permit remain in effect.

If you have any questions, please call Amy Zimpfer at (415) 540-2606.

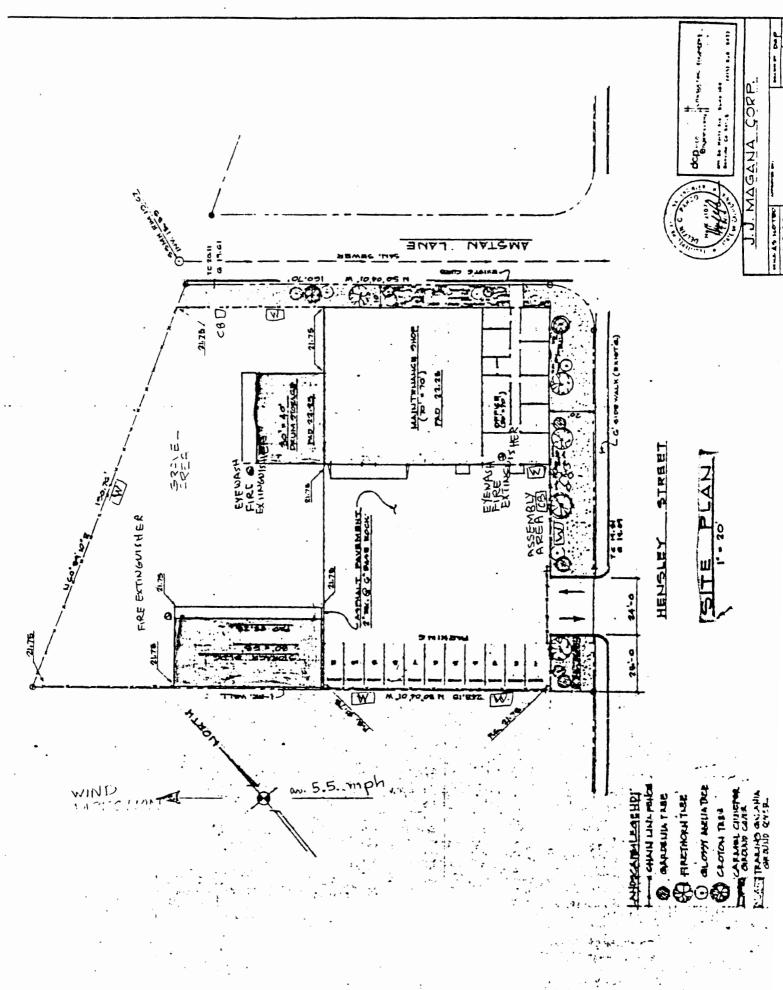
Sincerely,

/ Dwight R. Hoenig, Chief North Coast California Section

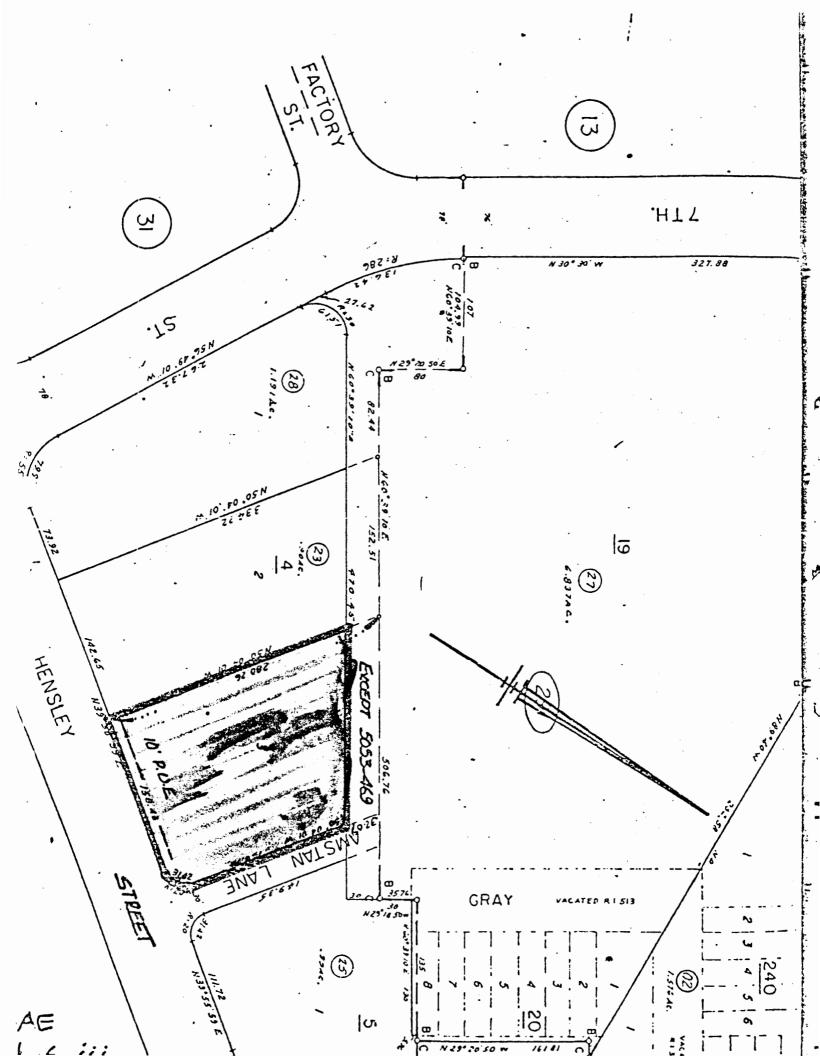
Toxic Substances Control Division

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### ATTACHMENT J MAP OF FACILITY



SIGN



# ATTACHMENT K LABORATORY CAPABILITIES

## BAY AREA ENVIRONMENTAL

### BAY AREA ENVIRONMENTAL LABORATORY REQUEST FOR LAB ANALYSIS

Date:

| OMMENTAL   |           | Rec                 | corded by:         |
|--|-----------|---------------------|--------------------|
| Submitted by:  |           |                     |                    |
| Address:   |           |                     |                    |
|  |           |                     |                    |
| Phone:   | Contact:_ |                     |                    |
| Sampled by:  | Date:     |                     | Time:              |
| Sample Description:  |           |                     |                    |
| Condition of sample:   |           | No of contai        | ners:              |
| SAMPLE   | SOURCE    |                     |                    |
| Sludge   |           | Soil                | Other              |
| Liquid (other than water)  |           | Water               | Other              |
| HAZARDOUS WASTE ANALYSES   |           | WATER AND SLO       | DGE ANALYSES       |
| Acids, volatile Aromatics, chlorinated                               |           | Acidity<br>Alkalini | ty                 |
| Aromatics, purgeable   |           | Ammonia             | •                  |
| Asbestos, air-monitoring Asbestos, bulk                              |           | Biochemi<br>Boron   | cal Oxygen Demand  |
| California Waste Extraction Test                                     |           | Bromide             | . •                |
| Chlorinated Hydrocarbons   |           | Carbonat            | e                  |
| Corrosivity NACE   |           | Chemical            | Oxygen Demand      |
| Corrosivity pH   |           | Chloride            |                    |
| Cyanide  |           | Chlorine            |                    |
| Dioxin screening<br>EP-TOX extraction                                |           | Chlorine<br>Color   | Demand             |
| Ethylene Dibromide (EDB)   |           | Conducta            | ne .               |
| Extractable Chlorinated Hydrocarbo                                   | ons       | Density             |                    |
| includidng PCB's   |           |                     | t Content (MEAS)   |
| Extractable Acids by GC/MS   |           | Dissolve            |                    |
| Fuel Assessment, Total Halocarbons                                   | 5         | Ferrous             | ions (Iron (II))   |
| (characterization, BTX, EDS)   | _         | Flouride            | by electrode       |
| Fuel, Total Purgeable Hydrocarbons Fuel, (Benzene, Toluence, Xylene, |           | Hardness            | by distillation    |
| Fuel, Total Extractable Hydrocarbo                                   |           | Nitrate             |                    |
| Herbicides, chlorinated  |           | Nitrite             |                    |
| Ignitability   |           | Nitrogen            | ı                  |
| Pesticides   |           | Oil and             |                    |
| Penols Phthalates  |           |                     | Nitrogen           |
| Polychlorinated Biphenyl (PCB)                                       |           | Phenolic            | <b>¬q</b>          |
| Reactivity   |           | Phosphat            |                    |
| Total Organic Carbon (TOC)   |           |                     | e, hydrolyzable    |
| Total Organic Halide (TOX)   |           |                     | e, organic         |
| Volatile Chlorinated Hydrocarbons                                    |           |                     | e, ortho           |
| Volatile Organic Compounds by GC/                                    | MS        | Salinity            | ,                  |
| METALS ANALYSES  |           | Silica              | dissolved          |
| Colonia Colonial   |           |                     | filterable         |
| Sample digestion   |           |                     | settleable         |
| Metals, each   |           | Solids              |                    |
| Arsenic by Hydride   |           |                     | volatile           |
| Chromate (Chromium (VI))   |           |                     | volatile suspended |
| Hercury  |           | Sulfate             | •                  |
| Selenium by Hydride  |           | Sulfide             |                    |
| Organic Lead   |           |                     | total              |
|  |           | Trihalom            | methane potential  |
|  |           | Turbidit            |                    |

## ATTACHMENT L SAMPLE LOG

| Contract the second second second second second second second second second second second second second second | Provided the state of the state   |
|--|--|
|  | LAB #  LA   |
|  | 17416 7,46<br>9/24 /600<br>9/24 /600<br>9/24 /65<br>9/24 /65<br>9/ |
|  |  |
|  | GENERATOR  BAG YARD  BAG YARD  BATE STANOONE  RIEDEL   |
|  | 140011EST<br>200-25000000000000000000000000000000000   |
|  | CHERREBER & FREE &   |
|  | Market (Bears)  (Bearing)  (Bearing)  (Bearing)  (Coll/Grease  Coll/Grease  (Coll/Grease  Coll/Grease  |
|  | B7x)   |

# ATTACHMENT M DRAFT WASTE ANALYSIS PLAN (1987)



#### Acceptance Procedures

The variety and complexity of materials arriving at the transfer station call for different procedures for acceptance of materials depending on their origin.

Generally, certain basic principles must be adhered to for a consistant approach to be maintained. Three main areas must be considered in developing our policies.

- 1. Homeowner material
  - A. Drop in no manifest.
  - B. Municipal Collection Program manifested. Use same procedures for acceptance as in facility.
- 2. Bay Area Environmental field work. Brought to transfer station.
  - A. Consolidation work in facility.
    - Not part of acceptance procedures directly.
    - 2. Needs to be cross referenced with out bound materials.
- 3. Off site material brought in by third party on a manifest.
  - A. Contract work by major disposal companies.
  - B. Direct shippments from generators.

### Main Principles In Acceptance Procedures

- 1. The materials brought to our facility must be able to be disposed of in another facility.
- 2. Any load over 50 pounds must be accompanied by a manifest completely and accurately filled out.
- 3. Any amount of hazardous substances from a business or government agency must be accompanied by a manifest.
- 4. The persons signing for acceptance must take responsibility for the accurate description of the materials.
- 5. There must be prior arrangements made for billing purposes. If any discrepancies are found upon arrival of materials at the facility, materials will not be accepted unless authorization for additional billings are received typically a purchase order over the phone will do.
- No unknowns will be accepted.
  - 2. No leaking or open containers will be accepted.
  - 3. Additional descriptions other than just "Hazard Class," will be required on all manifests. These descriptions should refer to the chemical composition by chemical family group.

- i.e. waste amines from blue print machine waste hydrocarbons from print shop waste oil from car repairs surplus paint from painting
- 7. If an operator in the facility does not feel qualified to make above decisions then that operator should refer the incoming materials to a Hazardous Materials Specialist or Chemist for final decision.

It is very important when accepting pesticides from Homeowners to have a chemist review the inventory.

The Landfill Ban on F001-F005 solvents has caused customers to misrepresent their waste to avoid the ban. Chemical analysis by gas chromatograph is offered as a service by our laboratories. When ever "F001-F005 or D001" is used on a manifest, analysis or verification is required.

When Bay Area Environmental personnel quote jobs for customers, Verification of the type of waste materials present, their origin and composition, shall be determined prior to delivering the quotation. If field supervisors find discrepancies while packaging materials, the customer should be notified and arrangements made for testing and price changes prior to receiving materials in the facility. Quotations can be prepared after inspecting customer operations and reviewing MSDS sheets if the salesperson is highly confident in their ability to describe the waste materials. If not, the salesperson should recommend that the customer obtain the services of our laboratory to determine the chemical classification prior to quoting on the job.

Therefore, materials arriving at the facility from BAE field work can be checked for accurate totals, unloaded, and segragated by hazard class. The determination for hazard class, chemical composition and disposal destination shall be made by sales personnel and field supervisor by using the services provided by our laboratory, or as provided by the client, prior to the arrival of materials at the facility.

Hazardous waste contractors who bring materials into the facility are responsible for the accurate description of these materials. They are also responsible for the proper packaging, markings and manifesting of these materials. Appointments shall be made 48 hours prior to arrival and confirmation of appointments is on a space available basis.

Terms and conditions must be made prior to materials arriving for storage only.

Bay Area Environmental reserves the right to dispose of any materials brought into the facility, to maintain the orderly flow of chemicals through the transfer station. Agreements shall be entered into within

90 days of acceptance of material for storage. Whereby a hazardous waste contractor agrees to accept all charges for disposal including, but not limited to, transportation charges, labor and materials to allow Bay Area Environmental to conduct it's business in a normal fashion and not be impeded by space limitations within the transfer facility. Storage contacts can be entered into at a given per day rate.

Bay Area Environmental shall be held harmless from the liability of contractor personnel working within the facility. Furthermore, Bay Area Environmental shall be held harmless and named on contractors insurance policy as additional insured to cover the liability of hazardous materials being transported from Bay Area Environmental as out bound waste to another facility. This shall apply to subcontractors that hazardous waste contractors shall employ for labor and transportation services as well.

Bay Area Environmental shall be made aware of the intended disposal facility that any particular waste stream accepted into the transfer station is designated to go to. Bay Area Environmental will not accept materials from contractors or third parties that have no designated disposal facility. If the designated disposal facility does not meet the standards of professionalism as determined by Bay Area Environmental, then Bay Area Environmental reserves the right to refuse entry of those materials into our facility and subsequent remanifestation to such facilities. Bay Area Environmental reserves the right to randomly haz cat drums arriving at a facility for accuracy. If the haz cat show the materials to be different than described, then the customer shall agree to pay for additional detail chemical analysis as required by EPA SW 846.

Waste Materials arriving in from third parties:

- Check manifest for completeness.
- Check shipment description for quantity on each line item and against labels for accurate totals.
- 3. Determine which drums go to haz cat area. A minimum of 1 drum per line itamem is subject to haz cat conformation and minimum charge is per drum.
- 4. Unload truck.
- 5. i.e. Check solids for free liquids, pH. Check solvents for chlorine, i.e. flam test. Check lab packs list for compatible items. Lab pack lists need to arrive before load appointment is made.
- 6. Sign manifest and return to driver.
- 7. Place materials in proper storage area, enter coding data on drums.
- 8. Return paper work for data processing.
- 9. Note any discrepancies on mainfest. Fill out change reports.

| Determine Hazard Class Chemical Family Process Generating Waste> Is analysis required   |
|---|
|   |
| Determine which disposal facility is facility material is designated - material not accepted  |
| Space available basis   |
| Make appointment for trucks   Trucks with lab packs need   to arrive at facility  > pre-approval of inventories   |
|   |
| Check manifest for completeness, count drums on truck   |
| Check shipment description manifest against description on labels to each line item preferably on truck  Tf a large quantity arrives check as unloading. Unload by line item inventory any that doesn't match stay on truck |
| Move X number of drums to Haz Determined by supervisor or cat area minimum 1 per line> chemist performing haz cat   |
|   |
| load checks out sign manifest> Note any discrepancies and changes to be made - fill out change requested form call generator  |
| Move to proper storage area   |



Bay Area Environmental - Analytical Laboratory

Sample Acceptance and Log-In Procedure

Drums that are brought to the facility are sampled according to Procedures expressed in SW-846 or AB1803 Recommendations.

- Samples are given a specific number denoting the clients three
   digit accronym followed by three (3) numerical entries:
   ex. BAE-001
- 2. The samples are then logged into the "Sample Log Book" indicating Clients Name, Drum number, Date of receipt, Manifest number or shipping paper number, sample descriptions, type of analyses required and expected completion time.
- 3. Confirmation test are performed immediately and take precedence over extensive analyses.
- 4. Fingerprint analyses using GC methods will be used to indentify unknowns and isolate compounds restricted at the various disposal sites utilized by BAE.
- 5. Report of analyses will be generated and presented to the appropriate entity along with Billing information.
- 6. Samples will be retained and properly stored for two (2) weeks after all work has been completed.

# ATTACHMENT N ADDITION TO DRAFT WASTE ANALYSIS PLAN (1987)



Submitted to Jacoby by John Tillman 10/8/87

HLW

The parameters checked on incoming wastes/materials varies with the type and source of the waste/materials received by this facility.

The following parameters represents a basic set of analyses for waste characterization and waste stream determinations:

### <u>Analysis</u>

| <u>Metals</u> |            | Non-Metals |
|---------------|------------|------------|
| Arsenic       | Lead       | Sulfides   |
| Barium        | Mercury    | Nitrites   |
| Cadmium       | Molybdenum | Sulfate    |
| Chramium      | Nickel     | Nitrates   |
| Copper        | Vanadium   | Cyanide    |
| Iron          | Zinc       |            |

| Physical Tests | <u>Organic (solvents)</u> | <u>Organics (additional)</u> |
|----------------|---------------------------|------------------------------|
| Density        | Polar                     | Phenols                      |
| PH             | Non-Polar                 | PCB's                        |
| % Solids       | Halogenated               | Cresol                       |
| % H₂ O         |                           | F-Series Compounds           |
| Flash Point    |                           | Other                        |
| Reactivity     |                           |                              |



It is our practice to conduct predisposal analyses on each batch of drums coming into the facility.

If a batch contains more than twenty drums, an analysis is conducted on each set of twenty (20) drums.

Analyses are conducted on each waste stream and when descrepancies exist in the clients profile, analytical report, or field analysis data.

The Technical Director approves all analyses, signs and approves all analyses and evaluations of waste coming in and out of the facility.

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# ATTACHMENT O MONTHLY REPORTS TO DHS



September 14, 1987

Mr. Dan Murphy Department of Health Services Toxic Substance Control Division 2151 Berkeley Way Berkeley, CA 94704

Dear Sir:

I have enclosed Bay Area Environmental's monthly report, which covers the period of August 1, 1987 to August 31, 1987.

Sincerely,

David Burton Facility Manager

David Buton

DB/an

Enclosures:

Monthly Report Summary Sheets Manifests 12 Homeowners Receipts

# BAY AREA ENVIRONMENTAL RICHMOND, CALIFORNIA

#### MONTHLY REPORT

| Number of Drums Received at the   | e Station 135 | dwms     |
|---|---------------|----------|
| Number of Drums Shipped to Clas   | ss 1 Site 178 | dwms     |
| Drums at the Station:  Acid Alkaline Solution Pesticides Paint Sludge Solvents Oil Others | Size          | Quantity |
| No. of California Hazardous Was   |               |          |
| DATE 916-87   | favid         | Buton    |

#### Incoming:

Oil - 11 drums
Flammable - 29 x 55-gallon/ 47 & 5-gallon 47.55 M/o
Poison - 2 x 55-gallon/ 10 gallon/ 1 lb.

ORM-E - 71 drums (includes 16 paint related materials)
Oxidizer - 50 lbs.

ORM-C - 50 lbs.

ORM-A - 7 drums/4 gallons
Corrosive - 15 drums/50 gallons

Outgoing:

ORM-E - 68 drums/ 475, bulk
Flammable - 27 drums/
ORM-A - 5 drums/
ORM-C - 1 yd.
Oil - 1500 bulk (gal)
Poison - 1 drum
Corrosive - 77 drums

#### Richmond, California

# SUMMARY SHEET OF WASTE RECEIVED (from Homeowners)

| eceipt<br>c |              | Date   | Name & Add | iress | Type of<br>Waste    | Volume :                | Notes              |  |
|-------------|--------------|--------|------------|-------|---------------------|-------------------------|--------------------|--|
| -           | •            | August | various    |       | Flammable<br>Poison | 47 x 5-gal<br>2 gallons | creosote           |  |
|             |              |        |            |       |                     | ½ 1b. ·                 | sodium flouride    |  |
|             |              |        |            |       | ORM-C               | 2 x 5 cu.yds.           | asbes tos          |  |
|             | •            |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |
|             | <b>. •</b> . |        |            |       |                     |                         |                    |  |
| ž           |              |        |            |       |                     | ·                       | n en gran en en en |  |
|             |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     | ·                       |                    |  |
| · •         |              |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     | •                       |                    |  |
| Form 2      | 8/83         |        |            |       |                     |                         |                    |  |
|             |              |        |            |       |                     |                         |                    |  |

## Richmond, California

| eipt                 |           | Date    | Name & Address   | Type of  <br>Waste                               | Volume   | Notes .  |
|----------------------|-----------|---------|--|--|--|--|
| 5910                 | X         | 8-18-87 | Alameda Naval Air Station<br>c/o DRMO Bldg. 6<br>2155 Mariner Square Loop<br>Alameda, CA 94501   | Flammable<br>Poison<br>ORM-E                     | 1 x 55-gal<br>1 x 55-gal<br>2 x 55-gal               | full aeorsals<br>copper cyanide soln<br>empty aeorsals     |
| 74 <b>0330</b> 9     | ×         | 8-25-87 | Dept. of Transportation<br>P.O. Box 587<br>Petaluma, CA 94952                                    | ORM-E  | 2 x 55-gal   | diesel soaked soil/sorbent mate                            |
| 7403300              | ×         | 818-87  | Dividend Development Co.<br>c/o Garo Falo & Fortune<br>456 Montgomery<br>San Francisco, CA 94104 | ORM-E  | 2 x 55-gal   | oil soaked sorbents sold                                   |
| . 41675              | ×         | 8-19-87 | Mt. Diablo Hospital<br>2540 E. Street<br>Concord, CA 94520                                       | ORM-A  | 5 x 55-gal   | biological specimens in formald                            |
| %298021<br>/         | j         | 8-26-87 | Lockheed Missiles & Space Co.<br>1111 Lockheed Way, B/131 0/4730<br>Sunnyvalê, CA 94088-3504     | Flammable  | 7 x 55-gal   | see attached lists   |
| 37041668             | ۴         | 8-3-87  | Ion Systems Inc.<br>2541 10th Street<br>Berkeley, CA 94710                                       | Flammable  | 1 x 5-gal  | MEK .  |
| 37017566             |           | 8-27-87 | Contra Costa Co. Health Dept.<br>1111 Ward Street<br>Martinez, CA 94553                          | Combustible                                      | 3 x 55-gal   | oil saturated absorbents                                   |
| § )17550             | Ķ         | 8-11-87 | Dresser Rand<br>3673 Mallard Drive<br>Benicia, CA 94510  | Corrosive<br>Flammable<br>Flammable<br>Corrosive | 5 x 55-gal<br>7 x 55-gal<br>5 x 55-gal<br>1 x 55-gal | see attached list  |
| 87041682             | ×         | 8-25-87 | Kraftile Co.<br>800 Kraftile Road<br>Fremont, CA 94536   | ORM-E<br>Corrosive<br>Flammable                  | 9 x 55-gal<br>1 x 55-gal<br>1 x 55-gal               | grease & oil<br>oakite FM 186<br>paint lab-pack            |
| <sup>27</sup> 090530 | ×         | 8-3-87  | State of Calif DOHS<br>P Street<br>Sacramento, CA 95814  | ORM-E<br>Filanmable<br>ORM-A<br>Corrosive        | 1 x 55-gal<br>1 x 55-gal<br>1 x 55-gal<br>1 x 55-gal | see attached sheets  |
| ∴'041665<br>orm 2    | γ<br>8/83 | 8-6-87  | Wesco Labs<br>14 Galli Drive<br>Novato, CA 94949   | Flammable<br>Corrosive<br>ORM-A                  | 1 x 55-gal<br>3 x 55-gal<br>2 x 5-gal                | mixed organic solvents<br>waste acid<br>waste formaldehyde |
|                      | Ų         |         |  |  |  |  |

#### Richmond, California

| ₹ ceipt  |                      | Date    | Name & Address   | Type of<br>Waste                              | Volume   | Notes   |
|--|----------------------|---------|--|---|--|---|
| 7: 1689  | X                    | 8-28-87 | Catheys Body Shop<br>1082 13th St.<br>Richmond, CA 94801               | Flammable                                     | 1 x 5-gal  | waste paint thinner   |
| 7 -1674  | <i>\( \lambda \)</i> | 8-18-87 | Xoma Corp.<br>2910 7th St.<br>Berkeley, CA 94710                       | FTāāmalbe                                     | 5 x 5-gal.                                       | solvent waste from lab                                      |
| 7041673  | ٢.                   | 8-18-87 | Xoma Corp.<br>2910 7th St.<br>Berkley, CA 94710                        | Flammalbe                                     | 2 x 2-ga1  | solvent from lab  |
| 57041671                                       | <b>&gt;</b>          | 8-14-87 | C.C.C. Sheriff's Dept.<br>1122 Escobar ST.<br>Martinez, CA 94553       | Corrosive<br>Corrisvie<br>Flammalbe<br>Poison | 1 x 9-gal<br>1 x 2-gal<br>1 x 8-gal<br>1 x 5-gal | Clandestine dry lab waste                                   |
| 37 37335                                       | < -                  | 8-26-87 | C.C.C. Health Dept.<br>1111 Ward St.<br>Martinez, CA 94553             | Flammable                                     | 4 x 55-gal                                       | oily waste/water absorbed onto po                           |
| 37 <b>.088123</b>                              | . }                  | 8-26-87 | Lockheed Missiles<br>1111 Lockheed Way<br>Sunnyvale, CA 94088-3504     | Poison  | 1 x 55-gal                                       | waste cyanide mixture                                       |
| 37177426                                       | ×                    | 8-25-87 | East Bay MUD<br>P.O. Box 24055<br>Oakland, CA                          | Corrosive<br>Oxidizer<br>Flammable            | 5 x 55-gal<br>2 x 50 lbs.<br>1 55-gal            | waste solution sodium hydroxide<br>waste oxidizer           |
| ୧ <b>୮</b> ୨41678                              | Λ                    | 8-21-87 | Kraftile Co.<br>800 Kraftile Rd.<br>Fremont, CA 94536                  | Combustible                                   | 10 x 55-gal                                      | waste petroleum oils  |
| E 241683                                       | ٨                    | 8-25-87 | Sea-Tel Corp.<br>837 Armold Dr.<br>Martinez, CA 94553                  | Poison  | 1 x 5-gal  | butycellusolve diluted with wate<br>and hydraulic oil       |
| દ <b>,                                    </b> | ٨                    | 8-20-87 | Alyeska Pipeline Service<br>1835 S. Bragaw St.<br>Anchorgage, AK 99512 | Corrosive                                     | 3 × 11½-gal                                      | waste battery fluid   |
| 87087377                                       | *                    | 8-20-87 | Alyeska Pipeline Service<br>5317 Minnesota Dr.<br>Anchorage, AK 99502  | Flammable<br>ORM-E<br>Flammable               | 2 x 55-gal<br>6 x 55-gal<br>1 x 55-gal           | analysis attached<br>analysis attached<br>analysis attached |
| orm 2  | 8/83                 |         |  | •   |  |   |
| <u>(</u> ·(                                    |                      | • .     |  |   | ·  |   |

#### BAT AKEN ENVIKUNMENTAL

#### Richmond, California

| Receipt          |      | Date            | Name & Address   | Type of Waste                    | Volume                              | Notes   |
|------------------|------|-----------------|--|----------------------------------|-------------------------------------|---|
| 7 1661           | 6    | 8-4-87          | ABC Services Inc.<br>31845 Hayman Street<br>Hayward, CA 94544                  | ORM-K                            | 2 x 55-gal                          | ducting wrapped in asbestos                                       |
| 7 :7210          | ٠γ   | 8-7-87          | Dept. of Transportation<br>3333 Cälifornia St.<br>San Francisco, CA 94120-4331 | Flammable                        | 22 x 55-gal                         | gear oil  |
| 7403287          | , .  | 8-12-87         | Caltrans<br>P.O. Box 337<br>San Lorenzo, CA 94580                              | Combustible<br>ORM-E             | 2 x 55-gal 2 x 55-gal               | waste fuel oil<br>diesel soaked absorbents and<br>solid materials |
| 7041667          | (    | 8-7 <b>-</b> 87 | North Face<br>1011 Gillman Street<br>Berkeley, CA 94710                        | Flammable                        | 6 x 55-gal                          | sewing machinesóil, seam sealer                                   |
| 37741660         | `    | 8-12-87         | BART - Hayward Facility<br>150 Sandoval Way<br>Hayward, CA 94544               | ORM-E                            | 23 x 55-gal                         | rags soaked in grease   |
| 3 41669          | 4    | 8-12-87         | Ion Systems Inc.<br>2541 10th St.<br>Berkeley, CA 94710                        | Flammable                        | 1 x 5-gal                           | MEK   |
| 3, <b>J41663</b> | X    | 8-9-87          | BARD Cardio Surgery<br>2400 A Bisso Lane<br>Concord, CA 94569                  | ORM-E<br>ORM-E                   | 1 x 55-gal<br>8 x 55-gal            | freon waste/waste oil<br>hardened resin waste                     |
| 87041666         | K    | 8-6-87          | Berkeley Nucleonics Corp.<br>1121 Regatta Sq.<br>Richmond, CA 94804            | Flammalbe                        | 1 × 5-gal                           | waste chlorinated cleaning solve                                  |
| <b>27179455</b>  | *    | 8-7-87          | UNOCAL<br>2175 N. Calif. Blvd. #650<br>Walnut Creek, CA 94596                  | Flammable .                      | 2 x 55-gal                          | gasoline tainted charcoal   |
| ₹ 087124         | 7    | 8-3-87          | Sonoma Police Dept.<br>175 First St. West<br>Sonoma, CA 94578                  | Flammable<br>Corrosive<br>Poison | 1 x 55-gal<br>1 x 3-gal<br>1 x 11b. | toluene<br>acetic anhydride/hydrochloric a<br>mercuric chloride   |
| ₹ 353667<br>· •  | ζ.   | 8-5-87          | DVINC<br>595 Penobscot Dr.<br>Redwood City, CA 94063                           | Flammable<br>ORM-A               | 1 x 2-gal<br>2 x 3-gal              | MEK<br>freon  |
| 8-26-87          | 8/83 | 8-26-87         | Ion Systems Inc.<br>2541 10th St.<br>Berkeley, CA 947IO                        | Flammable                        | 1 x 5-gal .                         | MEK   |
|                  | (~   | · .             |  |                                  |                                     | ·   |



August 24, 1987

Mr. Dan Murphy Department of Health Services Toxic Substance Control Division 2151 Berkeley Way Berkeley, CA 94704

Dear Sir:

I have enclosed Bay Area Environmental's monthly report, which covers the period of July-1, 1987 to July 31, 1987.

Sincerely.

David Burton Facility Manager

DB/an

Enclosures:

Monthly Report Summary Sheets 52 Manifests 13 Homeowner Receipts

# BAY AREA ENVIRONMENTAL RICHMOND, CALIFORNIA

#### MONTHLY REPORT

| Number of   | Drums Received at t                          | he Station | 428        |         |           |
|-------------|--|------------|------------|---------|-----------|
| Number of   | Drums Shipped to Cl                          | ass 1 Site | 17 Man     | ifest   | see below |
| Drums at t  | the Station:                                 |            | Size       |         | Quantity  |
| Corrosive   | [Acid<br>Alkaline Solution                   | 73         | 3126       | 73      | Quarrersy |
| Poison      | ZEKKKKKEEK                                   | 33         |            |         |           |
| Combustible | SECOND RECEIVED                              | 6          |            |         |           |
| Flammable   | Spinents                                     | 195        |            |         |           |
| ORM-E       | X KO   | 115        |            |         |           |
| ORM-A       | XXXXX  | 6          |            |         |           |
|             | lifornia Hazardous W<br>ceiving Forms Attach |            | st Attache | ed:_52_ |           |
| DATE_8-20-  | -87  |            | 1          | avid    | Sutos     |

#### Outgoing Drums

116 yds. soil & crushed drums - ORM-E Poison 1 drum,2,325 gallons bulk Flammable 96 drums,3,320 gallons bulk ORM-E 155 drums ORM-A 5 drums

\* - 9 manifest omitted from June Report

# BAT AKEA ENVIKUNMENTAL

# Richmond, California

# omthel mani Sure Repart

|                   | •       | SUPPART SHEET   | OF WASIE KE                                  | CLIVED   |  |
|-------------------|---------|---|--|--|--|
| lo.               | Date    | Name & Address  | Type of<br>Waste                             | Volume ·   | Notes  |
| 7 38030           | 6-9-87  | PG & E<br>2111 Hillcrest Avenue<br>Antioch, CA  | ORM-E  | 2 x 55-gallon  | Spill nesidue/clemvup PCB transformer oil 9 PPM PCB                      |
| :7U <b>88063</b>  | 612-87  | J. B. Gennoy<br>374 Jackson Street<br>Hayward, CA 94544   | ORM-E  | 2 x 55-gallon  | PCB light ballast  |
| ¥ 30179           | 6-15-87 | Tosco Corporation<br>Avon Refinery<br>Martinez, CA 94553  | ORM-E  | 2,150 lbs.<br>43d  | empty containers   |
| 36030 <u>1</u> 78 | 6-15-87 | Tosco Corporation<br>Avon Refinery<br>Martinez, CA 94553  | ORM-E  | 14,550 lbs.  | empty containers   |
| 3 <b>105744</b>   | 6-18-87 | Environmental Protection<br>2155 Mariner Sq. Loop, Bldg. 6<br>c/o DRMO Code OL-1<br>Alameda, CA 94501 | ORM-E .<br>Flammable                         | 23 x 55-gallon<br>1 x 55-gallon                                    | empty drums last contained oil Aerosals                                  |
| 8 <b>7705728</b>  | 6-18-87 | Environmental Protection<br>Naval Air Station Lot 360<br>Alameda, CA 94501                            | Flammable<br>Corrosive<br>Poison<br>Poison   | 1 x 55-gallon<br>7 x 55-gallon<br>1 x 55-gallon<br>3 x 55-gallon   | aerosals with paint<br>mixed acids<br>beryllium waste<br>beryllium waste |
| გ/ <b>005743</b>  | 6-18-87 | Mare Island Naval Shipyard<br>2155 Mariner Sq. Loop Bldg. 6<br>Alameda, CA 94501                      | Flammable<br>Corrosive<br>Corrosive<br>ORM-E | 4 x 55-gallon<br>10 x 55-gallon<br>2 x 55-gallon<br>45 x 55-gallon | lab packing<br>lab packing   |
| 005731            | 6-18-87 | Environmental Protection<br>Naval Air Station, Lot 360<br>Alameda, CA 94501                           | Flammable<br>ORM-A<br>ORM-E                  | 2 x 55-gallon<br>1 x 55-gallon<br>1 x 55-gallon                    | aerosals<br>lab packing<br>empty aerosals                                |
| 87041608          | 6-30-87 | Solano County Corp. Yard<br>3255 North Texas Street<br>Fairfield, CA                                  | ORM-E<br>Combustible                         | 10 x 55-gallon<br>2 x 55-gallon                                    | waste oil & safety paint<br>waste oil                                    |
|                   |         |   |  | •  |  |
| orm 2             | 8/83    | •   |  |  |  |
|                   |         | •   |  | • .  | ···  |

## Richmond, California

| eceipt                       | Date       | Name & Address   | Type of Waste      | Volume                          | Notes                                     |
|------------------------------|------------|--|--------------------|---------------------------------|---|
| 041625                       | 7-1-87     | East Bay MUD<br>5601 Oakport Avenue<br>Oakland, CA 94623   | Flammable<br>ORM-A | 8 x 55-gallon<br>1 x 55-gallon: | waste solvent<br>chlorinated solvent      |
| ': 3 <b>262</b>              | 7-1-87     | California State Prison-Folsom<br>P.O. Box W<br>Repressa, CA 95671                                   | Poison             | 1 x 55-gallon                   | cyanide solution                          |
| <sup>7</sup> 041 <b>62</b> 1 | 7-1-87     | Mt. Diablo Hospital<br>2540 East Street<br>Concord, CA 94520   | Poison             | 3 x 55-gal                      | biologicals specimens in ^ - formaldehyde |
| 7: <b>.7289</b>              | 72-87      | Sonoma County Sheriff Office<br>500 Administrative Drive<br>Santa Rosa, CA 94501                     | ORM-A              | 2 x 55-gal                      | waste carbontetrachloride                 |
| ;<br>6 <b>260605</b>         | 7-2-87     | Galifornia Dil Recyclers<br>977 A Beansien<br>San Carlos, CA: 94070                                  | ORM-E              | 39 x 55-gall                    | empty containers previously oil 1950 We   |
| 7 <b>11627</b>               | 7-6-87     | East Bay MUD<br>5601 Oakport Avenue<br>Oakland, CA   | ORM-E              | 1 x 55-gallon                   | waste paint solids, rain water            |
| 37041629                     | 7-7-87     | Pharmex Ltd.<br>1499 67th Street<br>Emeryville, CA   | Flannable          | 1 x 55-gallon                   | isobutyl nitritė:                         |
| 3 <b>05736</b>               | 7-13-87    | Environmental Protection<br>6/o DRMO, Bldg. #6<br>2155 Mariner Square Loop<br>Alameda, CA 94501      | Corrosive          | 18 x 55-gallor                  | waste mixed acids                         |
| 3 ,37324                     | - / 7-9-87 | Contra Costa County/ DOHS<br>Environmental Health Division<br>1111 Ward Street<br>Martinez, CA 94553 | Corrosive          | 1 x 55-gallon                   | <del>:</del>                              |
| Form 2                       | 8/83       |  |                    |                                 |   |
|                              |            | · · · · · · · · · · · · · · · · · · ·  |                    | ·                               | ·   |

# Richmond, California

|                        |                  | SUMMARY SHEET  | OF WASTE RE                         | CETVED   |  |
|------------------------|------------------|--|-------------------------------------|--|--|
| Receipt<br>No.         | Date             | Name & Address   | Type of Waste                       | Volume   | Notes  |
| 37 05738               | 7-13-87          | Environmental Protection<br>c/o DRMO Bldg. #6<br>2155 Mariner Square Loop<br>Alameda, CA 94501 | Flammable Corrosive ORM-E Flammable | 2 x 55-gallons<br>1 x 55-gallon<br>6 x 55-gallons<br>1 x 55-gallon | descaler 15% HF empty crushed drums — 300 Us |
| 3 05806                | 7-13-87          | Environmental Protection<br>c/o DRMO Bldg. #6<br>2155 Mariner Square Loop<br>Alameda, CA 94501 | ORM-E                               | 176 x 55-gal   | empty drums last contained oils \$ 800 UH    |
| 3 <b>~41628</b>        | 7-7-87           | Ion Systems<br>2546 10th Street<br>Berkeley, CA 94704  | Flammable                           | 1 x 5-gallons  | Waste MEK                                    |
| S1 <b>\388097</b><br>; | 7-8-87           | I.T. Corp Transfer Facility<br>3010 Zanker Road<br>San Jose, CA 95131                          | ORM-E                               | 3 x 55-gallon  | decontamination of tankers                   |
| E 307617               | √7 <b>-</b> 8-87 | Jaya Painting Company<br>401 Alice Street<br>Oakland, CA 94607                                 | Flannable                           | 6 x 55-gallon  | kerosene & oil                               |
| 8/041630               | J7-8-87          | Lloyd Cannon Trucking P.O. Box 2556 Fresno, CA 93745   | ORM-E                               | 5 x 55-gallon  | diesel contaminated soil                     |
| '041632                | √7 <b>-</b> 9-87 | Tosco Corporation<br>Avon Refinery<br>Martinez, CA 94553                                       | Flammable                           | 7 x 55-gallon  | waste polymers                               |
| 87293801               | 7-10-87          | Fostoer City - D.O.T.<br>380 Foster City Blvd.<br>Foster City, CA 94404                        | Orm b<br>Flammable                  | 1 x 55-gallon  | residual liquid/sludge pH 7                  |
| 7041635                | 7=10-87          | G.T. Environmental<br>4080 Pike Cane<br>Concord, CA 94520                                      | ORM-E                               | 6 x 55-gallon  | soils contaminated with pestion should rec   |
| Form 2                 | 8/83             |  |                                     |  |  |

## Richmond, California

|                           |                 | SUMMARY SHEET  | OF WASIE RE                               | CETVED  |  |
|---------------------------|-----------------|--|---|---|--|
| Receipt                   | Date            | Name & Address   | Type of Waste                             | Volume ·  | Notes  |
| 7041637                   | 7-14-87         | Mt. Diablo Hospital<br>2540 East Street<br>Concord, CA 94520                                   | Flammable                                 | 1 x 55-gal  | waste xylene   |
| 7 1586 <b>4</b><br>'70058 | 7-20-87<br>-    | Environmental Protection<br>c/o DRMO Bldg. #6<br>2155 Mariner Square Loop<br>Alameda, CA 94501 | ORM-E<br>Flammable                        | 74 x 55-gal<br>1 x 55-gal                             | empty drums —> 3700 aerosals   |
| 7 <b>‡1640</b>            | /7-16-87        | California Color<br>1221 California Avenue<br>Pittsburg, CA 94565                              | Flammable<br>ORM-E                        | 14 x 55-gal<br>11 x 55-gal                            | waste blanket wash solvent<br>ink solids   |
| 6417 <b>07</b> 1          | √7-17-87        | Lockheed Missiles & Space Co.<br>Ill1 Lockheed Way B/142 0-47-10<br>Sunnyvale, CA 94088-3504   | Combustile<br>CRM-E                       | 3 x 55-gal<br>14 x 55-gal                             | -  |
| £ 17072                   | 7-17-87         | Lockheed Missiles & Space Co.<br>1111 Lockheed Way B/142 0-47-10<br>Sunnyvale, CA 94088-3504   | Cambustible                               | 1 x 55-gal  | ·  |
| 37088109                  | 7-17-87         | CALTRANS P.O. Box 7310 Rincon Avenue San Francisco, CA 94120                                   | Poison                                    | 1 x 55-gal  | lab packing .  |
| 3 <b>41644</b>            | 7-18-87         | City of Cupertino<br>10300 Torre Avenue<br>Cupertino, CA 95014                                 | ORM-A<br>Flammable<br>Corrosive           | 1 x 55-gal<br>2 x 55-gal<br>3 x 55-gal                |  |
| 37041641                  | J/7-20-87       | City of Cupertino<br>10300 Torre Avenue<br>Cupertino, CA 95014                                 | Flammable<br>Poison<br>Corrosive<br>ORM-E | 64 x 55-gal<br>8 x 55-gal<br>2 x 55-gal<br>3 x 55-gal | 54 paint, 10 flammable products acid lab pack, 1 oxidizer                                      |
| 87041642                  | 7-20-87<br>8/83 | City of Cupertino<br>10300 Toree Avenue<br>Cupertino, CA 95014                                 | ORM-E<br>Flammalbe<br>Poison<br>Corrosive | 4 x 55-gal<br>19 x 55-gal<br>5 x 55-gal<br>3 x 55-gal | 3 ORM-E, 1 ORM-A<br>14 paint/4 fTammable liq/1 aer<br>4 Poison/ 1 ORM-A<br>2 Corrosive/ 1 acid |
|                           |                 |  |   |   |  |

## Richmond, California

|                       |          |                      |  |                      | <del>_</del>               |  |
|-----------------------|----------|----------------------|--|----------------------|----------------------------|--|
| eceipt<br>o.          |          | Date                 | Name & Address   | Type of<br>Waste     | Volume                     | Notes  |
| C i862                |          | 7-20-87              | DRMO<br>2155 Mariner Sq. Loop bldg. 6<br>Alameda, CA 94501                                     | Corrosive<br>ORM-E   | 16 x 55-gal<br>53 x 55-gal | lab pack acids<br>empty drums/contaminated dreis/o<br>5150 U |
| (075870               | <i>)</i> | 7-20-87              | Environmental Protection<br>c/o DRMO Bldg. #6<br>2155 Mariner Square Loop<br>Alamedā, CA 9450I | Corrosive<br>ORM-E   | 1 x 55-gal<br>19 x 55-gal  | acids solutions  |
| <sup>-</sup> 041647   |          | 7-20-87              | Ion Systems<br>2546 10th Street<br>Berkeley, CA 94704  | Flammable            | 1 x \$5-gal                | waste MEK  |
| 7( 1651               | V        | 7-22-87              | Xoma Corporation<br>2910 7th Street<br>Berkeley, CA 94710                                      | Flammable            | 212-15-92-1<br>6yn         | € X / SW <sup>1</sup> —<br>waste solvents                    |
| 7137327               | J        | /<br>724 <b>-</b> 87 | Contra Costa Co. Health Ser.<br>3700 Alhambra Avenue<br>Martinez, CA 94553                     | ORM-E                | 6 x 55-gal                 | soil contaminated with diesel fu                             |
| 7 <b>11646</b>        | V        | 7-28-87              | Alameda County Blood Bank<br>6230 Claremont Avenue<br>Oakland, CA 94618                        | Elamatile<br>(onnowe | 4 x 55-gal                 | waste lithium bromide  |
| 7041655               |          | 7-28-87              | Washington Hospital<br>2000 Mowray Avenue<br>Fremont, CA 94538                                 | Flammable            | 4 x 55-gal                 | waste xylene/ paint thinner                                  |
| 3. 41656              | V        | 7-29-87              | Sunflex Corporation<br>20 Pimental Court<br>Novato, CA 94947                                   | 7-29-87<br>Orn R     | 5 x 55-gal                 | water/surfāctants stablized w/c                              |
| 3 <sup>7</sup> ^41657 |          | 7-30-87              | Wamen's Sports & Eitness<br>501 2nd Street, Suite 400<br>San Francisco, CA                     | Corrosive            | 3 x 55-ga11                | waste photo chemicals  |
| lorm 2                | 8/83     | }                    |  | •                    | •                          |  |
|                       |          | · .                  | •  |                      |                            | ·.   |

# Richmond, California

|                  |      |                           | SUPPART SHEET   | OF HASTE AL         | -021720                      |   |
|------------------|------|---------------------------|---|---------------------|------------------------------|---|
| deceipt          |      | Date                      | Name & Address  | Type of<br>Waste    | Volume                       | Notes   |
| 7 <b>⊶1658</b>   | V    | 7-30-87                   | Peerless Lighting Corp.<br>747 Bancroft Way<br>Berkeley, CA 94710                   | Flammable<br>ORM-E  | 7 x 55-gall<br>6 x 55-gall   | 4 thinner/ 3 waste paint paint filters stablized w/absort   |
| 7 38114          |      | <b>/</b> 731-87           | I.T. Corp Transfer Facility<br>3010 Zanker Road<br>San Jose, CA <sup>*</sup> 95134  | ORM-E               | 1 55-gallon                  | mixture of barium caloride, ammonium carbonate, cobalt chlor ammonium acetate, ammonium chlor ammonium sulfate, lead acetate ammonium phosphate |
| 37 38116<br>•    |      | 7-31-87                   | Stanford University<br>Old Pavillion<br>Stanford, CA 94305                          | ORM-E               | 2 x 55-gal                   | soils/sands with trace inorganio  |
| 3 <b>7088117</b> |      | 7-31-87                   | So. Lake Tahoe Utility Bist.<br>1275 Meadow Crest Drive<br>So. Lake Tahoe, CA 95705 | ORM-E               | 1 x 55-gall                  | antimony sulfide, trisulfide  |
| 3 <b>88115</b>   | J    | 7 <b>-</b> 31 <b>-</b> 87 | I.T. Corp. Transfer Facility<br>3010 Zanker Road<br>San Jose, CA 95134              | Poison              | 1 x 55-gall                  | lab pack  |
| 3' <b>05860</b>  |      | 7-20-87                   | DRMO Bldg. #6<br>2155 Mariner Square Loop<br>Alameda, CA 94501                      | ORM-E<br>ORM-E      | 12 x 55-gall<br>141 x 55-gal | Contaminated cardboard<br>Empty crushed containers  |
| 37041643         |      | 7-20-87                   | City of Cupertino<br>10300 Torre Avenue<br>Cupertino, CA                            | Flammable<br>Poison | 40 x 55-gal<br>11 x 55-gal   | 35 paint lab packs, 5 flammable<br>Poison liquid & pesticides   |
|                  |      |                           |   |                     |                              |   |
| ٠.               |      |                           |   |                     |                              | <del>.</del> .  |
|                  |      |                           |   |                     |                              |   |
| .orm 2           | 8/83 |                           |   | •                   |                              |   |
|                  |      | · .                       | •   |                     | •                            | ··  |
|                  | •    |                           |   |                     | -                            |   |

|  | ***** |  |  |
|--|-------|--|--|

# ATTACHMENT P RENTAL STORAGE ACCOUNTING SYSTEM

| 1 N     | GENERATOR :   | BR NAME CHEMICAL CONSTITUENT  |            |           | ANIF                       |        | <u> </u> |                          | DRAG           | . B     | , DILLED , | PER ORS |
|---------|---------------|-------------------------------|------------|-----------|----------------------------|--------|----------|--------------------------|----------------|---------|------------|---------|
|         |               |                               |            |           |                            |        |          |                          |                | ~~~~~~~ |            | 2.00    |
|         | D.R.H.O. :    |                               |            |           | 87005958                   |        |          | :01-Sep-87               |                |         |            |         |
|         | 1 0. N. S. 1  |                               |            |           | 87005958                   |        |          | 01-Sep-87                |                |         | •          |         |
|         | : N. A. S. :  |                               |            | 86354468  | •                          | 1      |          | •                        | : 201<br>: 194 |         | •          |         |
|         |               | HASTE COMBUSTIBLE LIQUID O/P  |            | 86354475  |                            | 1      |          |                          | ; 194<br>; 194 |         | •          |         |
|         | 1 0. N. S. 1  |                               |            | 86354475  |                            | 1      | :        | :                        | 210            |         | •          |         |
|         | D.R.H.O. :    |                               |            | 86354497  |                            |        | :        | :                        | 208            | •       | •          |         |
|         | : D.R.H.O. :  |                               |            | 06354500  |                            | 1      |          | :                        | 208            |         | •          |         |
|         | : D.R.H.O. :  |                               |            | 86354500  |                            | 3      |          | i<br>101. C              |                |         |            |         |
|         | : D.R.H.O. :  |                               |            |           | ; 87005958                 |        |          | 01-Sep-87                | 170            |         | •          |         |
| -Apr-87 |               | HASTE CORROSIVE LIQUID N.O.S. |            | 86354529  |                            | 3      |          | :                        | 166            |         | •          |         |
|         | N. A. S.      |                               |            | 87005605  |                            | 1<br>4 |          | •                        | : 138          | •       | •          |         |
|         |               | HAZARDOUS HASTE LIQUID N.O.S. |            | 07005676  |                            | 1      | :        | •                        | 138            |         | •          |         |
|         |               | HASTE CORROSIVE LIQUID N.O.S. |            | 87005687  |                            | 1      |          | •                        | 104            |         | •          |         |
|         | : H.A.S. :    |                               | 10.0.0051  |           |                            |        |          |                          | 104            | -       |            |         |
|         |               | HASTE CORROSIVE LIQUID N.O.S. |            |           |                            | 5      |          | 101-607                  |                | •       | •          |         |
| -Jun-87 |               | HASTE COMPRESSED GAS NOS      |            |           | 1 87005958                 |        |          | :01-Sep-87<br>:01-Sep-87 |                | •       |            |         |
|         |               |                               |            |           | : 87005959 :               |        |          | •                        |                |         | , –        |         |
| -Jun-87 |               |                               |            |           | 1 07005959                 |        |          | 101-Sep-87               |                |         | •          |         |
| -Jun-87 |               | HASTE COMPRESSED GAS NOS      |            |           | 87005958                   |        |          | :01-Sep-87               |                |         |            |         |
|         | H.A.S. :      | HAZARDOUS HASTE SOLID N.O.S.  |            |           | 87005959                   |        |          | :01-Sep-87               |                |         |            |         |
|         | : D.R.H.O. :  |                               |            |           | ; 87005958 ;               |        |          | :01-Sep-87               |                | •       |            |         |
|         | : D.R.H.O. :  |                               |            |           | 87005958                   |        |          | :01-Sep-87<br>:08-Sep-87 |                |         |            |         |
|         | IN.A.S. 360 ! |                               |            |           | : 87005934 :               |        |          |                          |                |         | •          |         |
|         | :N.A.S. 360 : |                               |            |           | : 07005934  <br>  07005050 |        |          | 100-Sep-07               |                |         | •          |         |
|         | : D.R.H.O. :  |                               |            |           | 87005958                   | 1      |          | :01-Sep-87               |                |         | •          |         |
|         | : D.R.H.O. :  |                               | (0.0.9194) |           |                            |        | -        | :01-Sep-87               |                |         | •          |         |
|         | : D.R.H.O. :  |                               |            |           | 87005958                   |        |          |                          |                |         | •          |         |
|         |               |                               |            |           | 87005959                   | 1      |          | 01-Sep-87                | 6              |         | •          |         |
| •       | : D.R.H.O. :  |                               | 10.0.0110  |           |                            | 3      |          | :                        | . 6            | •       |            |         |
| -26b-8L | : D.R.H.O. :  | HASTE COMPRESSED GAS          | :D.O.0110: | 81005942  | •                          | 3      | •        | •                        | . 6            | . 0     | ,          |         |
|         |               |                               |            |           | 30-Sep-87                  | 72     | :        |                          |                |         |            |         |
|         |               |                               | INVENT     | ORY AS OF | SO FAR                     | 21     |          |                          |                |         |            |         |

@HRX =

SHIH =

| 4-Aug-87   |   | BAY AREA ENVIRONMENTAL - TRANSFE                             | R STATION |                      |          | BILLING  | DATES: | 16-Jul -87 | 31-Jul-87  | C         |
|------------|---|--|-----------|----------------------|----------|----------|--------|------------|------------|-----------|
| ,g J.      | :   |  | :         | ;                    |          | :        | !      | :          |            | TOTAL :   |
| DATE       | :   | BRAND NAME /   | JOB       | INCOMING             | OUTGOING | : NO. OF | :      | DATE       | DAYS IN    | DAYS PREV |
| IN         | GENERATOR                                       |  | NUMBER :  | MANIFEST :           | MANIFEST | : DRUMS  | : SITE | ן זעס      | STORAGE    | BILLED !  |
|            |   |  |           |                      |          |          |        |            |            |           |
| 2-Dec-86   | : MATHER AIR FORCE BASE                         | : WASTE COMBUSTIBLE LIQUID :                                 | 140001    | 84905392             | ;        | : 15     |        |            | 231        |           |
| 2-Dec-86   | : McCLELLAN                                     | : WASTE OIL :  | 140001    | 84905393             | }        | ?        |        |            | 231        |           |
| 2-Dec-86   | : McCLELLAN                                     | : WASTE AMMONUUMHYDROVIDE :                                  | 140001    | 84905393             | }        | ; 1      |        |            | 231        |           |
| 2-Dec-86   | : McCLELLAN                                     | HASTE SODIUM NITRATE :                                       |           | 84905393             |          | ; 1      |        |            | 231        |           |
| 4-Nov-86   | : SACRAMENTO ARMY DEPO                          |  |           | 84905403             |          | 1        |        |            | 259        |           |
| 3-Har-87   | CAL-TRANS DIST. #10 O.P.                        | HASTE CORROSIVE LIQUID N.O.S. :                              |           | 86233032             |          | ; 1      | •      |            | 130        |           |
| 7-Apr-87   |   | HAZARDOUS WASTE SOLID NOS ORME:                              | 140451    | 86243061             |          | : 4      | •      |            | 105        |           |
| 2-Hay-87   | LOCKHEED MISSILES & SPACE                       | HAZARDOUS WASTE LIQUID NOS :                                 |           | 86417001             |          |          |        | 23-Jul-87  |            |           |
| 2-Hay-87   | LOCKHEED MISSILES & SPACE                       |  |           | 86417004             |          |          |        | 23-Jul-87  |            |           |
| 2-Hay-87   | LOCKHEED MISSILES & SPACE                       | : WASTE CORROSIVE LIQUID NOS :                               |           | 86417005             |          |          |        | 23-Jul-87  |            |           |
| 1-May-87   | LOCKHEED MISSILES & SPACE                       | : WASTE FLANMABLE LIQUID NOS :                               | 7         | 86-117021            |          |          |        | 23-Jul-87  |            |           |
| 1-May-87   | LOCKHEED MISSILES & SPACE                       | : WASTE FLAMMABLE LIQUID COR ;                               |           | 86417022             |          |          |        | 23-Jul-87  |            |           |
| 1-Mau-87   | LOCKHEED MISSILES & SPACE                       | : WASTE CORROSIVE LIQUID NOS :                               |           | 86417023             |          |          |        | 23-Jul-87  |            |           |
| 1-May~87   | LOCKHEED MISSILES & SPACE                       | HASTE ALK.CORROSIVE LIQUID NOS                               | 7         | 86417023             |          | •        |        | 23-Jul-87  |            |           |
| 1-May-87   | LOCKHEED MISSILES & SPACE                       | : NASTE MEK :  | 7         | 86417023             |          |          |        | 23-Jul-87  |            |           |
|            | LOCKHEED MISSILES & SPACE                       | : HASTE FLAMMABLE LIQUID NOS :                               |           | 86417024             |          | •        |        | 23-Jul-87  |            |           |
| 1-May-87   | LOCKHEED MISSILES & SPACE                       | : WASTE FLAMMABLE LIQUID NOS ;                               | 7         | 86417033             |          |          |        | 23-Jul-87  |            |           |
| 5-Jun-87   | LOCKHEED MISSILES & SPACE                       | : WASTE COMBUSTIBLE LIQUID NOS :                             | 150140    | 86417048             |          |          |        | 23-Jul-87  |            | •         |
| 5-Jun-87   | LOCKHEED MISSILES & SPACE                       | : HAZARDOUS WASTE LIQUID NOS :                               |           | 86417051             |          |          |        | 23-Jul-87  |            |           |
|            | LOCKHEED MISSILES & SPACE                       | ; WASTE PAINT COMBUST. LIQ. ;                                |           | 86417071             |          |          |        | 23-Jul-87  |            | 0 ;       |
| 7-Jul-87   | LOCKHEED MISSILES & SPACE                       | ; HAZ. WASTE LIQUID NOS ORM-E ;                              |           | 86417071             |          |          |        | 23-Jul -87 |            | 0         |
| 7-Jul -87  | LOCKHEED MISSILES & SPACE                       | HASTE COMB. LIQUID NOS                                       |           | 86417072             |          |          |        | 23-Jul-87  |            | •         |
| 17-Nov-86  |   | ; THO DRUMS OVERPACK :                                       |           | 86490553             |          | 1 4      |        | •          | 266        | •         |
| .9-Feb-87  | : IT CORP. MARTINEZ                             | :HASTE PAINT RELATED MATERIALS :                             |           | 86490608             |          | 1        | •      | <u>:</u>   | 162        |           |
| 19-Apr-87  | : ATLANTIC PACIFIC                              | : WASTE POISON B SOLID N.O.S. ;                              |           | 86490620             |          | 1 1      |        | •          | 113        | •         |
| 19-Apr-87  | : ATLANTIC PACIFIC                              | ; WASTE H202 UN2014 :  |           | 86490620             |          | : 2      |        | •          | 113        | •         |
| 19-Apr-87  |   | : HAZARDOUS WASTE SOLID :                                    |           | 86490620             |          | . 9      |        | •          | 113        | •         |
| 19-Apr-87  |   | : WASTE CORROSIVE SOLID N.O.S. :                             |           | 86490620             |          | ; 3      |        | !          | 113        |           |
| 16-Feb-87  | OAKLAND FIRE DEPARTMENT                         | ; WASTE FLAM. LIQUID UN1993 ;                                |           | 86500011             |          | 2        |        | •          | 175        |           |
| 16-Feb-87  | : OAKLAND FIRE DEPARTMENT                       | ; WASTE CORROSIVE SOLID N.O.S. ;                             |           | 86500011             |          | 1 1      |        | :          | 175<br>232 | 217       |
| L1-Dec-86  | : SOUTHERN PACIFIC                              | HAZARDOUS WASTE SOLID  |           | 86500227             |          | ; 6      | •      | :          | 232        | •         |
| 81-Dec-86  | : DEPT. OF HEALTH SER.                          | ; WASTE FLAMMABLE LIQUID ;                                   |           | 86500345             |          | 2        |        | •          | 179        |           |
| 02-Feb-87  | : SAN MATEO COUNTY                              | : WASTE FLAM, CORROSIVE SOLID :                              | 7         | 86502280             |          | 2        | -      | i          | 1 68       |           |
| 24-Hay-87  |   | : WASTE FLAM. LIQUID NOS :                                   |           | 86502346             |          | 2        |        | •          | : 68       | •         |
| 04-May-87  | ; (SEE MANIFEST 86502287)                       | HAZARDOUS WASTE SOLID  |           | 86502369             |          | 1 1      |        |            | 140        | •         |
| 13-Mar-87  |   | HASTE POISON 8 LIQUID N.O.S.                                 |           | 86503551             | •        | 1 1      |        | •          | 100        | •         |
|            |   | HAZARDOUS HASTE LIQUID NOS                                   | ?         | 87048309             |          | 1 1      |        | •          | 100        | •         |
| 22-Apr-87  | INORTH AMERICAN ENVIRONMENT                     | SODIUM ARSENITE LIQUID                                       |           | 87048309             |          | •        | •      | •          | 100        | •         |
|            |   | HAZARDOUS WASTE SOLID NOS ORHE!                              | 7         | 87048309             |          | 1 2      |        | •          | 84         | •         |
| 18-May-87  |   | HASTE FLAM. LIQUID NOS                                       |           | 87087050             | •        | : 1      |        | :          | 84         |           |
| 18-May-87  |   | HASTE COMBUSTIBLE LIQUID NOS                                 |           | 87087050             | :        | 1        |        | :          | 52         |           |
| 19-Jun-87  |   | HASTE ON COR. LIG. PH2                                       | •         | 87087102             | ;        | 1        | •      | :          | 52         | •         |
| 19-Jun-87  |   | HASTE FLAM, LIQUID NOS                                       |           | 87087102             | •        | : 1      |        | :          | 52         |           |
| 19-Jun-87  |   | HASTE OXI COR. LIQ. PH14                                     | ?<br>?    | 87087102<br>87087102 |          | i i      |        | i          | 52         | •         |
| 19-Jun-87  |   | : WASTE OXI POISON LIQUID :<br>: HAZARDOUS WASTE SOLID NOS : | •         | 87088030             |          | 2        | •      | i          | 52         |           |
| 19-Jun-87  |   | ; HAZARDOUS WASTE SOLID NOS ;<br>; WASTE POISON B LIQUID ;   | 150223    | 87088109             | 87041650 |          |        | 22-Jul-87  | •          |           |
| .7-Jul -87 |   |  |           | 87088115             | !        | i        |        | 1          | 1          |           |
|            | IIT CORP.COLL.TRANF. FACIL.                     |  |           | 87088115             | i        | i        | •      |            | ī          |           |
| 1-Jul-87   | IIT CORP.COLL.TRANF. FACIL. STANFORD UNIVERSITY |  |           | 87088116             |          | 2        |        | :          | 1          |           |
|            | STHAFORD UNIVERSITY                             |  |           | 87088117             |          | i 1      |        | 1          | 1          | : 0       |
| 19-Jun-87  |   | HAZARDOUS WASTE SOLID NOS                                    |           | 87090503             |          | 10       |        | :          | 52         | ; 37      |
| .0-Ju1-87  |   | HAZARDOUS WASTE SOLID NOS                                    |           | 87293801             |          | 1        |        | :          | 21         | ; 6       |
| -042-01    | . DOID TOSTER OIT                               |  | -         |                      |          | _        |        |            |            |           |

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| 4-Aug-87<br>DATE<br>IN                           | GENERATOR   | BRAND  | NMENTAL - TRANSFE<br>NAME / :<br>CONSTITUENT :                      | JOB<br>NUMBER                        | INCOMING !   | OUTGOING<br>MANIFEST                      |     | : DATE                                      | DAYS IN<br>STORAGE | TOTAL CONTROL |
|--|---|--|---|--------------------------------------|--|---|-----|---|--------------------|---|
| 5-Jun-87   | : SAN MATEO COUNTY E.H. !LOCKHEED MISSILES & SPACE !LOCKHEED MISSILES & SPACE !LOCKHEED MISSILES & SPACE ! BEST FOODS | HASTE FLAM HAZARDOUS HAST HAZARDOUS HAST HAZARDOUS HAST HAZARDOUS HAST | E SOLID NOS 512 :<br>E SOLID NOS 513 :<br>SOOCTANE :                | 140410<br>150140<br>150140<br>150104 | 86417048  <br>86417048  <br>86417053  <br>86083984 | 86490644<br>86490644<br>N/A<br>N/A<br>N/A | •   | 01-Apr-87<br>01-Apr-87<br>N/A<br>N/A<br>N/A | 9<br>0<br>0<br>0   | 114<br>40<br>40<br>40<br>40<br>70   |
| 16-May-87<br>19-Apr-87<br>12-Feb-87<br>.7-Feb-87 | D.R.M.O. FORT ORD<br>SAN MATEO COUNTY   | HASTE FLAMMA   | TE LIQUID ORM-A: BLE LIQUID NOS : ORROSIVE LIQUID : LIQUID UN1993 : | 140228                               | 86502280   | 86490647<br>RR110441<br>RR110442          | 3 ! | 28-Apr-87<br>  24-Apr-87<br>  24-Apr-87     | 81                 | 97  |

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| 5-Jul-87               |  | BAY AREA ENVIRONMENTAL - TRANSFE                                 | R STATION        |                           |          | BILLING I | DATES: | 23-Jun-87 | 15-Jul-87    | ٠ '          |
|------------------------|--|--|------------------|---------------------------|----------|-----------|--------|-----------|--------------|--------------|
|                        | ı  | 1  |                  | 1 1                       | l        | 1         | !      |           | ! !          | TOTAL        |
| DATE                   | 1  | I BRAND NAME / I   | JOB              | INCOMINO I                |          |           | ! :    | DATE      | DAYS IN      | DAYS PREV I  |
| IN                     | I GENERATOR  | I CHEMICAL CONSTITUENT I   | NUMBER           | MANIFEST                  | HANIFEST | DRUMS     | SITE   | OUL       | I STORAGE    | BILLED !     |
|                        | L MATUER AIR FARCE PACE                                  | I HASTE COMBUSTIBLE LIQUID !                                     | 140001           |                           |          | 1 15      |        |           | 215          | 193 1        |
| 2-Dec-86               |  | I WASTE AMMONUUMHYDROVIDE I                                      |                  | 84905392  <br> - 84905393 |          | 1 1       |        | ;         | 215          | 195 1        |
| 2-Dec-86<br>2-Dec-86   |  | HASTE SODIUM NITRATE   |                  | 1 84905393 1              | i        | iii       |        | i         | 215          |              |
| 2-Dec-86               |  | HASTE OIL  |                  | 84905393                  |          | 7         |        | ĭ         | 215          |              |
| 4-Nov-86               | I SACRAHENTO ARMY DEPO                                   | I PHOSPHORIC ACID  | 140001           |                           |          | 1         |        | i         | 243          |              |
| 5-Hay-87               |  | I HASTE ISOOCTANE  | 7                | 86083984                  | i        | 1         | ı      | 1         | 1 70         | ા નંદાં      |
| 5-May-87               |  | I HAZARDOUS HASTE LIQUID ORM-A                                   | 7                | 86083984                  | 1        | 1 1       | 1      | t         | 70           | 1 48 1       |
|                        |  | IHASTE CORROSIVE LIQUID N.O.S. I                                 | 140409           | 1 86233032 1              | l        | 1 1       | ŧ      | l         | 1 114        |              |
| 5-Mar-87               |  | ACID LIQUID NOS  |                  | 86233069 1                | I        | 1 1       | -      | 1         | 114          |              |
| 5-Har-87               | I SAN HATEO COUNTY E.H.                                  | I HASTE FLANNABLE LIQUID   | 140410           |                           | l        | 1         |        | Į.        | 114          |              |
| r-Apr-87               |  | I HAZARDOUS HASTE SOLID NOS ORMEI                                |                  |                           |          | ! 4       |        | i .       | 1 89         | 67 1         |
| 2-May-87               | LOCKHEED MISSILES & SPACE                                | I HAZARDOUS HASTE LIQUID NOS                                     | 150104           |                           |          | . 2       |        | •         | 64           | 42           |
|                        | LOCKHEED HISSILES & SPACE                                | I HASTE CORROSIVE LIQUID NOS                                     | 150104           |                           |          | ! 1       | -      | 1         | 64           | 42   42   42 |
| 2-May-87               | LOCKHEED MISSILES & SPACE                                | I HASTE CORROSIVE LIQUID NOS I                                   | 150104           |                           |          |           |        | •         | 64<br>1 55   | 35 1         |
| 1-Hay-87               | LOCKHEED MISSILES & SPACE                                | I WASTE FLAMMABLE LIQUID NOS I<br>I WASTE FLAMMABLE LIQUID COR I | 7<br>7           | 86417021  <br>  86417022  |          | 1 2       | ;      | :         | i 55         | 55 1         |
|                        | ILOCKHEED MISSILES & SPACE<br>ILOCKHEED MISSILES & SPACE |  | 7                | 86417023                  | ;        | 1         | i      | ;         | 1 55         | . 35 i       |
| 1-May-07               | HOCKHEED HISSILES & SPACE                                | INASTE ALK.CORROSIVE LIQUID NOS                                  |                  | 86417023                  | i        | i î       | :      | ,         | i šš         | . 55 i       |
| 1-Hay-07               | LOCKHEED HISSILES & SPACE                                | I HASTE MEK  | 7                | 86417023                  |          | i ī       | i      | ì         | 55           | 33 1         |
|                        | LOCKHEED HISSILES & SPACE                                | I HASTE FLAMMABLE LIQUID NOS                                     | 7                | 86417024                  |          | i ī       | i      | i         | i 55         | i 33 i       |
|                        | LOCKHEED MISSILES & SPACE                                | I HASTE FLAMMABLE LIQUID NOS                                     | 7                | 86417033                  | i        | 1         | -      | i         | 55           | 1 22 1       |
|                        |  | I WASTE COMBUSTIBLE LIQUID NOS I                                 | 150140           |                           | i        | 1 6       | İ      | i         | 1 40         | l 18 l       |
|                        |  | IHAZARDOUS WASTE SOLID NOS 513 I                                 | 150140           | 86417049                  | ı        | 1 3       | 1      | 1         | 1 40         | 18 l         |
| 5-Jun-87               | ILOCKHEED MISSILES & SPACE                               | IHAZARDOUS WASTE SOLID NOS 512 1                                 | 150140           | 86417048                  | l        | 1 4       |        | 1         | 1 40         | 1 19 1       |
|                        |  | I HAZARDOUS HASTE LIQUID NOS                                     |                  | 86417051                  | l        | 1 5       | l      | l         | 1 40         | 18 1         |
| 5-Jun-87               |  | THAZARDOUS WASTE SOLID NOS 513 I                                 |                  | 86417055                  | 1        | 1 2       | •      | l         | 1 40         |              |
| 7-Nov-86               | I NAS DRMO - ALAMEDA                                     | THO DRUHS OVERPACK   | 140001           |                           | !        | ! 4       | ļ.     | !         | 250          |              |
| 9-Feb-87               |  | THASTE PAINT RELATED HATERIALS                                   |                  | 86490608                  | !        | 1 1       | !      | •         | 1 146        |              |
| 9-Apr-87               |  | I HAZARDOUS HASTE SOLID I  | 140382           | 86490620                  |          | . 9       | •      | !         | 97           |              |
| 9-Apr-87               |  | HASTE CORROSIVE SOLID N.O.S.                                     |                  |                           | !        | : 3       | !      | !         | 1 97<br>1 97 |              |
| 9-Apr-87               | ATLANTIC PACIFIC   | HASTE POISON B SOLID N.O.S. I                                    | 140382<br>140382 | 86490620                  | !        | 1 2       | :      | :         | 97           |              |
| 9-Apr-87<br>9-Apr-87   | I ATLANTIC PACIFIC I D.R.H.O. FORT ORD                   | I WASTE FLAMMABLE LIQUID NOS                                     | 140228           | 86490620                  |          | 20        | :      | ;         | 97           |              |
| 6-Feb-87               | OAKLAND FIRE DEPARTMENT                                  | I WASTE CORROSIVE SOLID N.O.S. I                                 |                  | 86500011                  |          | 1 1       | ;      | i         | 159          |              |
| 6-Feb-87               | OAKLAND FIRE DEPARTMENT                                  | I WASTE FLAM. LIQUID UN1993                                      | 140244           |                           | i        | i ē       |        | i         | i 159        | 1 157 1      |
| 1-Dec-86               | SOUTHERN PACIFIC   | I HAZARDOUS WASTE SOLID  | 140125           |                           | i        | i 6       |        | i         | 216          | 1 194 !      |
| 1-Dec-86               | DEPT. OF HEALTH SER.                                     | I HASTE FLANMABLE LIQUID I                                       | 7                | 86500345                  | i        | 1 2       | į      | I         | 1 196        | 174          |
| 2-Feb-87               |  | I HASTE FLAM. CORROSIVE LIQUID I                                 | . 7              | 86502290                  | 1        | 1 3       | l .    | 1         | 163          | 1 141        |
| 2-Feb-87               | I SAN HATEO COUNTY                                       | I HASTE FLAM. CORROSIVE SOLID                                    | 7                | I 86502280 I              | ı        | 1 2       | 1      | 1         | 1 163        |              |
| 7-Feb-87               | I SUTTER CO. C/O DOHS                                    | I HASTE FLAM. LIQUID UN1993                                      | 140290           |                           | I        | 1 4       |        | 1         | 148          |              |
| 4-Hay-87               | I DOHS SAH CO.   | HASTE FLAM. LIQUID NOS   | 140450           |                           |          | . 2       | •      | 1         | 52           |              |
| 4-Hay-87               | I (SEE HANIFEST 86502287)                                | HAZARDOUS WASTE SOLID  | 140290           | 86502369                  |          | ! 1       | ·      |           | 1 72         |              |
| 3-Har-87               |  | I HASTE POISON B LIQUID N.O.S. I                                 |                  |                           |          | 1 1       | !      | !         | 1 124        |              |
|                        |  | THAZARDOUS HASTE SOLID NOS ORME                                  |                  | 87048309                  |          | ! !       | :      | !         | 1 84<br>1 84 | 62   62      |
|                        |  | HAZARDOUS HASTE LIQUID NOS                                       | ?<br>የ           | 87048309  <br>  87048309  |          | 1 1       |        | ,         | 1 84         |              |
|                        | INORTH AMERICAN ENVIRONMENT  PORT OF STOCKTON            | I SODIUM ARSENITE LIQUID I<br>I WASTE COMBUSTIBLE LIQUID NOS I   | •                | 87048309  <br>  87087050  | i        | 1 1       | :      | ;         | 68           |              |
| 18-May-87<br>18-May-87 |  | I HASTE FLAM. LIQUID NOS   | 140494           |                           | i        | 2         | i      | i         | 1 68         | 46           |
| 19-Jun-87              |  | I HASTE OXI POISON LIQUID  | 7                | 87087102                  | i        | 1         | i      | i ·       | i 36         | i 14 i       |
| 9-Jun-87               | SONOHA CO. SHERIFF                                       | I HASTE FLAM. LIQUID NOS   | 7                | 87087102                  |          | i ī       | i      | ı         | 1 36         | i 14 :       |
| 9-Jun-87               |  | HASTE OXI COR. LIQ. PH2  | 7                | 87097102                  |          | i 1       | 1      | 1         | 1 36         | 1 14         |
| 9-Jun-87               | SONOMA CO. SHERIFF                                       | I HASTE OXI COR. LIQ. PH14                                       | 7                | 87087102                  | t .      | 1 1       | ı      | ł         | 1 36         |              |
| 9-Jun-87               | PO & E ANTIOCH   | I HAZARDOUS HASTE SOLID NOS                                      | 140554           |                           | 1        | 1 2       | ſ      | 1         | 36           |              |
| 0-Jul-87               |  | I HAZARDOUS HASTE SOLID NOS I                                    |                  | 87295801                  | ı        | 1 1       | 1      | l .       | t 5          | 1 0          |
|                        |  | ETRACHLORIDE - 31 DAYS OVERBILLE                                 |                  |                           |          |           |        | •         |              | 1 14         |
| 9-Jun-87               | PO & E ANTIOCH   | I HAZARDOUS WASTE SOLID NOS                                      | 140554           | 87090503                  | 1        | 1 10      | •      | i         | 1 36         |              |
|                        |  |  |                  |                           |          |           |        |           |              |              |

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| DATE                   | :                                       | D NF :  |         | :oni                     | out ****** | of :           |      |           | DAYS IN ;    | DRYS PREV                             |
|------------------------|---|---|---------|--------------------------|------------|----------------|------|-----------|--------------|---------------------------------------|
| IN                     |   | D NF : CHEMICAL CONSTITUENT :                                 | NUMBER  | HANIFEST                 | HANTLE T   | UKUIIS I       | E    | i JT      | STOR         | ,ED                                   |
| 12-Dec-86              | HATHER AIR FORCE BASE                   | : WASTE COMBUSTIBLE LIQUID :                                  |         | 84905392                 |            |                |      | 16-Jun-87 |              |                                       |
| 16-Jun-87              |   | HASTE COMBUSTIBLE LIQUID :                                    |         | 84905392                 |            | 15             |      |           | 6<br>192     |                                       |
| 12-Dec-86              |   |   |         | : 84905393<br>: 84905393 |            | 1 1 1          |      |           | 192          |                                       |
| 12-Dec-86<br>12-Dec-86 |   | HASTE OIL   | 140001  | 1 84905393               | 87090563   | 11             | CASH | 16-Jun-87 |              |                                       |
| 16-Jun-87              | ·                                       |   |         | 84905393                 |            | 7              |      |           | 6 :          | 0                                     |
| 14-Nov-86              |   |   |         | 84905403                 |            | : 1 🕹          |      | :         | 220          |                                       |
| 06-Nay-87              | BEST FOODS                              | HASTE ISOOCTANE   |         | : 86083984               |            | : 1;           |      | •         | 47           |                                       |
| 06-Nay-87              |   | HAZARDOUS HASTE LIQUID ORM-A                                  |         | 86083984                 |            | 1 1            |      | :         | 47 1<br>91   |                                       |
|                        |   | HASTE CORROSIVE LIQUID N.O.S. :                               | 140409  | 86233032                 |            | 1 1 1          |      | •         | 91           | · · · · · · · · · · · · · · · · · · · |
|                        | SAN MATEO COUNTY E.H.                   | HASTE FLANMABLE LIQUID  |         | 86233069<br>86233069     |            | : 1            |      |           | 91           |                                       |
| 23-Mar-87              | SAN MATEO COUNTY E.H.                   | HAZARDOUS WASTE SOLID NOS ORME!                               |         | 86243061                 |            | 4              |      |           | 66           | 4                                     |
| 12-Hau-87              | LOCKHEED MISSILES & SPACE               | HAZARDOUS HASTE LIQUID NOS                                    | 150104  | 86417001                 |            | 2              |      | 1         | 41 1         |                                       |
| 12-Hau-87              | LOCKHEED MISSILES & SPACE               | : HASTE CORROSIVE LIQUID NOS !                                | 150104  | 86417004                 | •          | 1 :            |      | :         | 41           |                                       |
| 12-May~87              | LOCKHEED MISSILES & SPACE               | : HASTE CORROSIVE LIQUID NOS :                                | 150104  | 86417005                 | :          | ; 3;           |      | •         | 41           | _                                     |
| 21-May-87              | LOCKHEED MISSILES & SPACE               | : WASTE FLANMABLE LIQUID NOS :                                | ?       | 86417021                 |            | 1 1            |      |           | 32           |                                       |
| 21-Hay-87              | LOCKHEED HISSILES & SPACE               | HASTE FLAMMABLE LIQUID COR                                    | 7       | 86417022                 |            | 1 2 1          |      |           | 32 l<br>32 l |                                       |
| 21-Nay-87              | LOCKHEED MISSILES & SPACE               | HASTE ALK.CORROSIVE LIQUID NOS                                | 2       | 1 86417023<br>! 86417023 | •          | : 1            |      |           | 32           |                                       |
| 21-Nay-87              | LINCKHEED HISSILES & SPACE              | : WASTE CORROSIVE LIQUID NOS :                                | 7       | 86417023                 |            | î              |      | i         | 32           | ·                                     |
| 21-Hay-87              | LOCKHEED MISSILES & SPACE               | HASTE FLAHMABLE LIQUID NOS                                    | 7       | 86417024                 |            | 1              |      | :         | 32 1         |                                       |
| 21-Hau-87              | LOCKHEED MISSILES & SPACE               | : WASTE FLAMMABLE LIQUID NOS :                                | 7       | 86417033                 | ;          | ; 1;           |      | :         | 32           |                                       |
| 05-Jun-87              | LOCKHEED MISSILES & SPACE               | : HASTE COMBUSTIBLE LIQUID HOS :                              | 150140  | 86417048                 |            | 6 :            |      | !         | 17           | _                                     |
| 05-Jun-87              | LOCKHEED MISSILES & SPACE               | HAZARDOUS WASTE SOLID NOS 513 !                               | 150140  | 86417048                 |            | 3 :            |      |           | 17<br>17     |                                       |
| 05-Jun-87              | LOCKHEED MISSILES & SPACE               | HAZARDOUS WASTE SOLID NOS 512 :                               | 150140  | 86417048                 |            | ; 4 ;<br>; 5 ; |      | •         | 17           |                                       |
| 05~Jun-87              | LOCKHEED HISSILES & SPHOE               | HAZARDOUS WASTE LIQUID NOS. :                                 | 150140  | 66417053                 |            | 2              |      | :         | 17           | _                                     |
| 07-Nov-86              |   | THO DRUMS OVERPACK  | 140001  | 86490553                 |            | 4              |      | i         | 227          |                                       |
| 19-Feb-87              | •                                       | HASTE PAINT RELATED MATERIALS :                               |         |                          |            | 1 :            |      | :         | 123          |                                       |
| 09-Apr-87              |   | HASTE POISON B SOLID N.O.S.                                   |         | 86490620                 |            | ; 1;           |      | ;         | 74 1         |                                       |
| 09-Apr-87              |   | : WASTE CORROSIVE SOLID N.O.S. :                              |         |                          |            | 3 :            |      | !         | 74           |                                       |
| 09-Apr-87              | ATLANTIC PACIFIC                        | HAZARDOUS HASTE SOLID   |         | 86490620                 |            | . 9            |      | :         | 74 :<br>74 : |                                       |
| 09-Apr-87              |   |   |         | 86490620                 |            | 2 :            |      | •         | 74           |                                       |
| 09-Apr-87              | D.R.M.O. FORT ORD                       | : WASTE FLAMMABLE LIQUID NOS : WASTE CORROSIVE SOLID N.O.S. : | 140228  | : 8649002r<br>! 86500011 | •<br>!     | 1              |      |           | 136          |                                       |
| 06-Feb-87              |   |   | 140244  | 86500011                 | :          | 2              |      | ì         | 136          |                                       |
| 11-Dec-86              |   |   |         | 86500227                 |            | 6 :            |      | ;         | 193          |                                       |
| 31-Dec-86              | DEPT. OF HEALTH SER.                    | : HASTE FLANMABLE LIQUID :                                    | 7       | 86500345                 | :          | : 2 :          |      | :         | 173          |                                       |
| 02-Feb-87              | : SAN MATEO COUNTY                      | : WASTE FLAM. CORROSIVE LIQUID :                              | 7       | 86502280                 |            | ; 3;           |      |           | 140          |                                       |
| 02-Feb-87              |   | : HASTE FLAM. CORROSIVE SOLID !                               |         | 86502280                 |            | 2 1            |      |           | 140<br>125   |                                       |
| 17-Feb-87              |   |   |         | 1 86502287<br>1 86502346 |            | 2              |      |           | 29           |                                       |
| 24-May-87              | ODHS SAM CO.<br>(SEE MANIFEST 86502287) |   |         | 1 86502369               |            | 1              |      |           | 49           |                                       |
| 13-Har-87              | CR.DEPT.OF HEALTH SERV.                 | : HASTE POISON B LIQUID N.O.S. :                              | 140392  | 86503551                 | :          | 1 1            | ;    | :         | 101          |                                       |
| 22-Apr-87              | INORTH AMERICAN ENVIRONMENT             | : SODIUM ARSENITE LIQUID :                                    | ?       | 87048309                 | :          | 1 1            |      | :         | 61           |                                       |
| 22-Apr-87              | INORTH AMERICAN ENVIRONMENT             | : HAZARDOUS WASTE LIQUID NOS :                                | 7       | 87048309                 | :          | 1 1            |      |           | 61           |                                       |
| 22-Apr-87              | HORTH AMERICAN ENVIRONMENT              | HAZARDOUS WASTE SOLID NOS ORME!                               |         | 87048309                 |            | 1 1            |      | i         | , 61<br>45   |                                       |
| 08-Hay-87              |   | HASTE TITANIUM TETRACHLORIDE                                  |         | : 87087047<br>: 87087050 |            | 1 2            |      | :         | 45           |                                       |
| 08-Nay-87              |   | HASTE FLAM, LYQUID NOS :                                      | 140494  | 87087050<br>87087050     | 87090582   |                |      | 16-Jun-87 |              |                                       |
| 08-May-87<br>08-May-87 |   | : HASTE COMBUSTIBLE LIQUID NOS                                | 140494  |                          |            | 1              |      | 1         | 45           |                                       |
| 09-Jun-87              |   | HASTE OXI COR. LIG. PH2                                       | 7       | 87087102                 |            | 1              |      | :         | 13           |                                       |
| 09-Jun-87              |   | HASTE ONI COR. LIQ. PHI4                                      | 7       | 87087102                 |            | 1 1            |      |           | 13           |                                       |
| 09-Jun-87              | : SONOMA CO. SHERIFF                    | : HASTE OXI POISON LIQUID :                                   | 7       | 87087102                 |            | 1 1            |      | :         | 13           |                                       |
| 09-Jun-87              |   | HASTE FLAM. LIQUID NOS  | 7       | 1 87087102               |            | 1 2            |      |           | 13<br>13     |                                       |
| 09-Jun-87              |   | HAZARDOUS WASTE SOLID NOS :                                   | 140554  | 1 87088030<br>1 87090503 |            | 10             |      | :         | 13           |                                       |
| 09-Jun-87              | PG & E ANTIOCH                          | · HUTHADOO MUDIC SOCIO HOS I                                  | 1-10004 | . 0.030303               | •          | . 20           | •    | -         |              |                                       |
|                        |   | !   | INVENT  | ORY AS OF                | 22-Jun-87  | 164            |      |           |              |                                       |
|                        |   |   |         |                          |            | *******        |      |           |              |                                       |

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| 10-Jun-87  |  | BAY AREA ENVIRONMENTAL - TKHM56                                 | ER Similar    |                          |                      | BI 9 | Dr<br>1 | 21 11 1-87  | PI-May-RT              | 1                   |
|------------|--|---|---------------|--------------------------|----------------------|------|---------|-------------|------------------------|---------------------|
| DATE       | I<br>I GENERATOR                                 | BRAND NAME / CHEMICAL CONSTITUENT                               | JOB<br>NUMBER |                          | OUTGOING<br>MANIFEST |      |         | DATE<br>OUT | I DAYS IN<br>I STORAGE | DAYS PREV<br>BILLED |
| 12-Dec-86  | I HATHER AIR FORCE BASE                          | HASTE COMBUSTIBLE LIQUID  | 140001        | 84905392                 | <br>                 | l 19 | 1       | <br>        | 1 170                  |                     |
| 12-Dec-86  |  | HASTE AMMONUUMHYDROUIDE   | 140001        | 84905393                 | l                    | 1 1  | 1       | t .         | 1 170                  |                     |
| 12-Dec-86  |  | I HASTE OIL   | 140001        | 84905393                 |                      | 1 11 |         | 1           | 1 170                  |                     |
| 12-Dec-86  | I McCLELLAN                                      | I HASTE SODIUM NITRATE  | 140001        | 84905393                 |                      | 1 1  |         | 1           | 170                    |                     |
| 14-Nov-86  |  | PHOSPHORIC ACID   | 140001        |                          |                      | 1 1  |         | 1           | 1 198                  |                     |
| 78-yeH-30  | BEST FOODS                                       | HAZARDOUS WASTE LIQUID ORM-A                                    |               | 86083984                 | ı                    | 1 1  |         | !           | 1 25                   |                     |
| 06-Hau-87  | BEST FOODS                                       | I WASTE ISOOCTANE   | 7             | 86083984                 | i                    | ! 1  |         | !           | 1 25                   |                     |
| 23-Har-87  | ICAL-TRANS DIST. #10 O.P.                        | INASTE CORROSIVE LIQUID N.O.S.                                  | 140409        |                          |                      | ! 1  |         | !           | 69                     |                     |
| 23-Har-87  | I SAN MATEO COUNTY E.H.                          | ACID LIQUID NOS   | 140410        |                          |                      | ! 1  |         | !           | 1 69                   |                     |
| 23-Har-87  |  | HASTE FLANMABLE LIQUID  | 140410        |                          |                      | ! 1  |         | !           | 1 44                   |                     |
| 17-Apr-87  |  | THAZARDOUS WASTE SOLID NOS ORME                                 |               |                          | !                    | 1 4  | :       | :           | 1 19                   | , –                 |
| 12-Hay-87  | LOCKHEED HISSILES & SPACE                        | HAZARDOUS HASTE LIQUID NOS                                      | 150104        | 86417001                 | :                    | 1    | :       | :           | 19                     |                     |
| 12-Hay-67  | ILOCKHEED HISSILES & SPACE                       | HASTE CORROSIVE LIQUID NOS                                      |               | 06417004  <br>  06417005 |                      | 5    |         | ;           | 1 19                   |                     |
| 12-Hay-87  | LOCKHEED HISSILES & SPACE                        | I WASTE CORROSIVE LIQUID NOS I WASTE FLAMMABLE LIQUID NOS       | 150104<br>1 7 | 86417021                 |                      | 1 1  |         | ;           | 10                     |                     |
| 21-May-87  | ILOCKHEED HISSILES & SPACE                       | I WASTE FLAMMABLE LIQUID NOS                                    | 7             | 86417022                 |                      |      | i       | ì           | 1 10                   | ,                   |
| 21-Nay-87  | LOCKHEED HISSILES & SPACE                        | HASTE FLAMMABLE LIQUID COR                                      | 7             | 86417023                 | ;                    | ii   | i       | i           | 10                     |                     |
| 21-Nay-87  | LOCKHEED HISSILES & SPACE                        | I HASTE HEK<br>I HASTE CORROSIVE LIQUID NOS                     |               | 86417023                 | ;                    | ; ;  | i       | i           | 10                     |                     |
| 21-May-87  | ILOCKHEED HISSILES & SPACE                       | INDETE OF CORROSIVE LIMOTO HOS                                  |               | 86417023                 |                      | i i  | i       | i           | 1 10                   |                     |
| 21-nay-87  | ILOUKHEED HISSILES & SPACE                       | IMASTE ALK.CORROSIVE LIQUID NOS<br>  WASTE FLAMMABLE LIQUID NOS | 7             | 86417024                 |                      | i i  |         | i           | 1 10                   |                     |
| 21-nay-87  | ILUCKHEED HISSILES & SPACE                       |   | 7             | 86417033                 |                      | i i  |         | i           | 1 10                   |                     |
| 07-Nov-86  | ILOCKHEED MISSILES & SPACE<br>NAS DRHO - ALAMEDA | THO DRUMS OWERPACK  | 140001        |                          | i                    | i ā  |         | i           | 205                    |                     |
| 19-Feb-87  |  | HASTE PAINT RELATED HATERIALS                                   |               | 86490608                 | ì                    | i i  |         | i           | 101                    | 91                  |
| 09-Apr-87  | •  | HASTE POISON B SOLID N.O.S.                                     |               | 86490620                 |                      | 1 1  |         | 1           | 1 52                   | 1 42                |
| 09-Apr-87  |  | HAZARDOUS WASTE SOLID   | 140362        |                          |                      | i 9  | i       | 1           | 1 52                   |                     |
| 09-Apr-87  |  | HASTE H202 UN2014   | 140302        |                          |                      | 1 2  | 1       | 1           | 1 52                   |                     |
| 09-Apr-87  |  | HASTE CORROSIVE SOLID N.O.S.                                    |               |                          | Ī                    | 1 3  | 1       | 1           | 1 52                   |                     |
| 09-Apr-87  |  | HASTE FLAMMABLE LIQUID NOS                                      |               | 86490627                 | 1                    | 1 20 | 1       | 1           | 1 52                   |                     |
| 06-Feb-87  |  | HASTE CORROSIVE SOLID N.O.S.                                    |               | 86500011                 | í                    | 1 1  |         | ı           | 1 114                  |                     |
| 06-Feb-87  |  | HASTE FLAM. LIQUID UN1993                                       | 140244        | 86500011                 | ŧ                    | 1 2  | ı       | 1           | 1 114                  |                     |
| 11-Dec-86  |  | HAZARDOUS WASTE SOLID   | 140125        | 86500227                 | ł                    | 1 €  | ı       | 1           | 1 171                  |                     |
| 31-Dec-86  |  | I WASTE FLAMMABLE LIQUID  | 1 7           | 86500345                 |                      | 1 2  | !       | !           | 1 151                  |                     |
| 02-Feb-87  | I SAN MATEO COUNTY                               | I HASTE FLAM. CORROSIVE SOLID                                   |               | 86502280                 | 1                    | 1 2  | !       | į.          | 1 116                  |                     |
| 02-Feb-87  |  | HASTE FLAM, CORROSIVE LIQUID                                    | 7             | 86502280                 | 1                    | . 3  | !       | !           | 1 118                  | ,                   |
| 17'-Feb-87 |  | HASTE FLAM. LIQUID UN1993                                       |               |                          |                      | 1 4  |         | !           | 103                    |                     |
| 24-Hay-87  |  | HAZARDOUS WASTE SOLID NOS ORME                                  |               |                          | 1                    | ! 1  | !       | :           | 1 7                    |                     |
| 24-Hay-87  | I DOHS SAM CO.                                   | HASTE FLAH. LIQUID NOS  | 140450        | 86502346                 |                      | 1 2  | :       | :           | 27                     |                     |
| 04-May-87  | I (SEE MANIFEST 86502287)                        | HAZARDOUS HASTE SOLID   | 140290        | 06502369                 | :                    | 1 1  | :       | :           | 79                     |                     |
| 13-Har-87  | I CA.DEPT.OF HEALTH SERV.                        | HASTE POISON B LIQUID N.O.S.                                    |               |                          | :                    | ii   |         | i           | 1 59                   |                     |
| 22-Apr-87  | INORTH AMERICAN ENVIRONMENT                      | HAZARDOUS HASTE SOLID NOS ORHE                                  | 7             | 87048309                 |                      | 1 1  |         | ;           | 1 39                   |                     |
| 22-Apr-87  | NORTH AMERICAN ENVIRONMENT                       | HAZARDOUS WASTE LIQUID NOS                                      | ! [           | 87048309                 | ;                    | i i  | ;       | i           | 1 39                   |                     |
|            | INORTH AMERICAN ENVIRONMENT                      | SODIUM ARSENITE LIQUID  | 7<br>140500   | 07040309<br>07007047     | į                    | ii   | i       | i           | 23                     |                     |
| 08-Hay-87  |  | I WASTE TITANIUM TETRACHLORIDE I WASTE ACID LIQUID NOS          | 140500        | 87087050                 |                      | i i  |         | i           | 23                     |                     |
| 08-Hay-87  |  | HASTE COMBUSTIBLE LIQUID NOS                                    |               |                          |                      | ii   |         | i           | 1 23                   |                     |
| 08-Hay-87  |  | HASTE FLAM. LIQUID NOS  |               | 87087050                 |                      | 1 2  | i       | 1           | 1 23                   | 1 1                 |
| 08-Hay-87  |  | HAZARDOUS HASTE SOLID NOS ORME                                  |               |                          |                      | i 5  | ı       | 1           | 1 4                    | 1                   |
| 27-Hay-87  | , buns she.                                      | THE HOUSE SOLED HOS ONIE  |               |                          | •                    |      |         |             |                        |                     |

|           |                                       |                                  |           |           |          |         |        | ,   |           |      |
|-----------|---------------------------------------|----------------------------------|-----------|-----------|----------|---------|--------|-----|-----------|------|
| 26-Aug-87 | 1                                     | BAY AREA ENVIRONMENTAL - 🍪 ISFE  | R STATION |           | ,        | BILLING | DATES: | 198 | 16-Aug-87 | t ro |
| DATE      | i                                     | I BRAND NAME /                   | JOB       | INCOMING  | OUTGOING | NO. OF  | i      | DAT | DAYS IN   | DAYS |
| IN        | I GENERATOR                           | CHEMICAL CONSTITUENT             | NUMBER    |           | HANIFEST |         | I SITE | OUT | STORAGE   | BI   |
| ~~~~~~~~  |                                       |                                  |           |           |          |         |        |     |           |      |
| 12-Dec-86 |                                       | I HASTE ANNONUUNHYDROVIDE I      | 140001    |           |          | 1 1     | !      |     | 1 247     |      |
| 12-Dec-86 |                                       | HASTE SODIUM NITRATE             | 140001    | 84905393  |          | ! 1     |        | !   | 1 247     |      |
| 14-Nov-86 |                                       | PHOSPHORIC ACID                  | 140001    |           |          | 1 1     | •      | 1   | 1 275     |      |
| 12-Feb-87 |                                       | HAZARDOUS HASTE SOLID NOS        | 7         | 86196766  |          | : 3     | Į.     | i . | 1 185     |      |
| 12-Feb-87 |                                       | I HAZARDOUS HASTE SOLID NOS I    | 7         | 86196766~ |          | 1 3     | 1      | 1   | 185       |      |
| 28-Apr-87 |                                       | I HAZARDOUS WASTE SOLID NOS I    | 7         | 86232978  |          | 1 4     | 1      | 1   | 1 110     |      |
| 28-Apr-87 |                                       | HAZARDOUS HASTE SOLID NOS        | 7         | 86232978  |          | 1 4     | !      | 1   | 1 110     |      |
| 17-Apr-87 |                                       | THAZARDOUS HASTE SOLID NOS ORMEI | 140451    | 86243061  | ŧ        | 1 2     | 1      | 1   | 1 121     |      |
| 23-Apr-87 |                                       | I HAZARDOUS HASTE SOLID NOS I    |           | 86243086  |          | 1 4     | ı      | 1   | 1 115     |      |
| 23-Apr-87 |                                       | I HAZARDOUS WASTE SOLID NOS I    |           | 86243086  |          | 1 4     | ı      | 1   | 1 115     |      |
|           | I IT CORPORATION VINE HILL            |                                  | 7         | 86243642  | i        | 1 4     | 1      | 1   | 1 130     |      |
|           | I IT CORPORATION VINE HILL            | I HAZARDOUS HASTE SOLID NOS I    | ?         | 86243642  | ſ        | 1 4     | 1      | 1   | 1 130     |      |
| 09-Apr-87 |                                       | I HASTE POISON B SOLID N.O.S. I  | 140382    | 86490620  | 1        | 1 1     | 1      | 1   | 1 129     |      |
| 09-Apr-87 |                                       | I WASTE CORROSIVE SOLID N.O.S. I | 140382    | 86490620  | 1        | 1 3     | 1      | 1   | 1 129     |      |
| 09-Apr-87 | ATLANTIC PACIFIC                      | I HASTE H202 UN2014 I            | 140382    | 86490620  | ı        | 1 2     | 1      | 1   | 1 129     |      |
| 09-Apr-87 |                                       | HAZARDOUS WASTE SOLID            | 140382    |           | 1        | 1 9     | 1      | 1   | 1 129     |      |
| 06-Feb-87 | I ORKLAND FIRE DEPARTMENT             | WASTE CORROSIVE SOLID N.O.S.     | 140244    | 86500011  | 1        | 1 1     | 1 .    | 1   | 1 191     |      |
| 06-Feb-87 | I OAKLAND FIRE DEPARTMENT             | HASTE FLAM. LIQUID UN1993        | 140244    | 86500011  | ı        | 1 1     | 1      | 1   | 1 191     |      |
| 02-Feb-87 | I SAN NATEO COUNTY I                  | I WASTE FLAM. CORROSIVE SOLID I  | 7         | 86502280  | 1        | 1 2     | 1      | 1   | 1 195     |      |
|           | <see 86502287="" manifest="">  </see> | I HAZARDOUS HASTE SOLID I        | 140290    | 86502369  | ı        | 1 1     | 1      | 1   | 1 104     |      |
| 13-Har-87 | I CA.DEPT.OF HEALTH SERV. 1           | I WASTE POISON B LIQUID N.O.S. ( | 140392    | 86503551  | 1        | 1 1     | t      | 1   | 1 156     |      |
| 09-Jun-87 | I SONOMA CO. SHERIFF                  | I WASTE OXI COR. LIQ. PH14       | 7         | 87097102  | 1        | : 1     | 1      | 1   | 1 68      |      |
| 09-Jun-87 | I SONOMA CO. SHERIFF                  | HASTE OXI COR. LIQ. PH2          | 7         | 87087102  | 1        | 1 1     | 1      | 1   | 1 68      |      |
| 03-Jun-87 | I SONOHA CO. SHERIFF                  | HASTE OXI POISON LIQUID          | 7         | 87087102  | <b>!</b> | 1 1     | 1      | 1   | 1 68      |      |
| 09-Jun-87 | I SONOMA CO. SHERIFF I                | HASTE FLAM. LIQUID NOS           | 7         | 87087102  | ł        | 1 1     | 1      | ı   | 1 68      |      |
| 03-Aug-87 | I SONOMA POLICE DEPARTMENT I          | I WASTE POISON B SOLID N.O.S. I  | 140625    | 87087124  | 1        | 1 1     | 1      | 1   | 1 13      |      |
| 03-Aug-87 | I SONOMA POLICE DEPARTMENT I          | HASTE FLAM. LIQUID :             | 140625    | 87087124  | 1        | : 1     | 1      | ı   | 1 13      |      |
| 03-Aug-87 |                                       |                                  | 140625    | 87087124  | 1        | 1 1     | 1      | 1   | 1 13      |      |
| 31-Jul-87 | IIT CORP.COLL.TRANF. FACIL.           | HAZARDOUS HASTE SOLID NOS        | 150131    | 87088114  | 1        | 1 1     | 1      | 1   | 1 16      |      |
| 31-Jul-87 | IIT CORP.COLL.TRANF. FACIL.           | HASTE POISON B SOLID             | 140310    | 87088115  | ı        | 1 1     | ı      | 1   | 1 16      |      |
| 31-Jul-87 |                                       | HAZARDOUS WASTE SOLID NOS        | 150226    |           |          | 1 2     | 1      | 1   | 1 16      | 1    |
|           | ISO. LAKE TAHOE UTIL. DIST.           |                                  | 150131    |           | İ        | 1 1     | i      | :   | 1 16      |      |
| 03-Aug-87 |                                       | HAZARDOUS HASTE SOLID NOS        | 140430    | 87090530  | Ì        | 1 1     | i      | 1   | 1 13      |      |
| 03-Aug-87 |                                       | HASTE FLAM. LIQUID NOS           | 140430    |           | i        | i 1     | 1      | 1   | 1 13      |      |
| 03-Aug-87 |                                       | HASTE CHLOROFORM ORM A           | 140430    | 67090530  | 1        | 1 1     | 1      | 1   | 1 13      | ı    |
| 03-Aug-87 |                                       | HASTE THIONYL CHLORIDE           | 140430    |           | i        | 1 1     | 1      | 1   | 1 13      |      |
| 10-Jul-87 |                                       | HAZARDOUS WASTE SOLID NOS        | 7         | 87293801  | 1        | 1 1     | i      | 1   | 37        | 1    |
|           |                                       |                                  | •         |           | •        |         | •      |     |           |      |

INVENTORY AS OF 16-Aug-87

|     | Tito d                              |  |           |                      | <u>.</u>                                      |    |                           |    |                                  |     |  |     |           |          |          | ( 1                                     |          |                    |            |           |
|-----|-------------------------------------|--|-----------|----------------------|---|----|---------------------------|----|----------------------------------|-----|--|-----|-----------|----------|----------|---|----------|--------------------|------------|-----------|
| 143 | 26-Aug-87                           |  | BAY AREA  | ENVIRON              | KENTAL – 🔃 NS                                 | FE | R STATION                 | ١, |                                  |     |  | BIL | LING      | DATI     | ES:      | 01-Aug-RY                               |          | 16-Aug-87          |            | TC        |
|     | DATE<br>IN                          | GENERATOR  | СН        | BRAND N<br>EMICAL CO | NAME /<br>ONSTITUENT                          | į  | JOB<br>NUMBER             | i  | INCOMING<br>MANIFEST             |     | DUTGOING<br>MANIFEST                       |     | OF<br>UHS | i<br>: 5 | ITE      | DAY<br>SUT                              | <u> </u> | DAYS IN<br>STORAGE |            | AVS<br>Bi |
|     | 12-Dec-86<br>07-Nov-86              | I NAS DRHO - ALAHEDA                                       | I T       | HO DRUMS             | TIBLE LIQUID<br>OVERPACK                      | !  | 140001<br>140001          | !  | 84905392<br>86490553             | 1   | 87090563<br>86490616                       | ĺ   | 15        |          | HTZ      | 1 16-Jun-87<br>1 18-Feb-87              | ľ        | 186<br>105<br>19   | 1          |           |
|     | 11-Dec-86<br>09-Jun-87<br>31-Dec-86 |  | I HAZAR   | DOUS HAST            | ASTE SOLID<br>FE SOLID NOS<br>ABLE LIQUID     | 1  | 140125<br>140554<br>7     | i  | 86500227<br>87090503<br>86500345 | i · | 86500245<br>TURN KEY<br>86502254           | 1   | 10        |          |          | 30-Dec~8(<br>  17-Jun-8;<br>  27-Jan-8; | 7 1      |                    | 3 1        |           |
|     | 11-Dec-86<br>12-Dec-86              | SOUTHERN PACIFIC<br>McCLELLAN                              | I HAZ     | ARDOUS HA            | OIL   | 1  | 140125<br>140001          | i  | 86500227<br>84905393             | : ! | 86500245<br>87090563                       | i   | 7         |          | 7<br>7   | 30-Dec-8 <br>  16-Jun-8 <br>  19-Feb-8  | 7 1      | 19<br>186          |            |           |
|     | 19-Feb-87<br>23-Mar-87<br>24-May-87 | ICAL-TRANS DIST. \$10 0.P.                                 | I HASTE C | ORROSIVE             | ATED MATERIALS<br>LIQUID N.O.S.<br>LIQUID NOS |    | #2221<br>140409<br>140450 | !  |                                  | 15  | R-093631<br>HP <b>+</b> 140409<br>87088027 | ı   | 1 2       | 1        | 7        | 124-Har-8<br>102-Jun-8                  | 7 1      |                    | í i<br>9 i |           |
|     | 22-Apr-87<br>22-Apr-87              | I NORTH AMERICAN ENVIRONMENTA ON THE AMERICAN ENVIRONMENTA | TI HAZARD | OUS WASTE            | E LIQUID NOS<br>NITE LIQUID                   | į  | 7                         | į  | 87048309<br>87048309             | IN  | OF IT CO.                                  | 1   | 1         | 1        | _        | t<br>t                                  | , !      | )<br>(             | )          |           |
|     | 08-Hay-87<br>09-Jun-87<br>22-Apr-87 | PG & E ANTIOCH   | I HAZAR   | DOUS HAST            | LIQUID NOS<br>FE SOLID NOS<br>SOLID NOS ORM   | EI | 140494<br>140554<br>P     |    | 87087050<br>87088030<br>87048309 | 1   | 87090582<br>Turn Key<br>Of IT CO.          | İ   | 2         |          | 7        | 16-Jun-8<br>  17-Jun-8<br>              |          | 6                  | 3 1        |           |
|     | 08-Hau-87                           |  | I HASTE   | COMBUSTIE            | BLE LIQUID NOS                                | 1  | 140494<br>7               | 1  | 8708705U<br>87048309             | 1   | 87090582<br>07 17 CO.                      | ĺ   | 1         | 1        | <b>7</b> | 16-Jun-8<br>                            | 7        |                    | 9 1        |           |

| Sep.                       | ŧ                                       | IREA .                      | RON              | 3L -   | NSFE   | ALIC              |     |                      |   |                      | ENT   |         | 00555                    | LINS<br>01-Aug-87        | 1801 8<br>31-80g-87    |            | CE             |
|----------------------------|---|-----------------------------|------------------|--------|--------|-------------------|-----|----------------------|---|----------------------|-------|---------|--------------------------|--------------------------|------------------------|------------|----------------|
|                            | •                                       | 1                           |                  |        |        |                   |     |                      |   |                      | BILLI | 10 1    | I                        | 1<br>1 - nug-61          | 31-110g 01             | 1          | TOTA           |
| DATE<br>In                 | GENERATOR I                             |                             | NO NAME          |        | Г      | I JOB<br>I NUMBER | į   | INCOMING MANIFEST    |   | OUTGOING<br>MANIFEST |       |         | SITE                     | I OUT                    | I DRYS IN<br>I STORAGE | 1          | DAYS P<br>BILL |
| 04-Mar-87                  | I D.R.H.O.                              | HASTE F                     | LAMABLE          | LIQUI  |        | I                 |     | 84779969             | ī | 87005936             | 1     | 1       | l P                      | 18-Aug-87                |                        |            |                |
| 04-Har-87                  |   |                             | FLAMMAB          |        |        | i                 | i   | 84779969             | ı |                      | 1     | 1       | 1                        | 1 _                      | 180                    |            |                |
| 25-Jun-87                  |   | HRSTE FLAMA                 |                  |        |        | 1                 | Ţ   | 86354462             | ı | <b>87005936</b>      | Į.    | 1       |                          | 118-Aug-87               | 1 54<br>1 154          |            |                |
| 30-Har-87                  |   | UASTE COM                   |                  |        |        | !                 | •   | 86354463             | ł | 87005954             | !     | 2       |                          | 1<br>126-Aug-87          | 1 149                  |            |                |
| 79-Mar-07<br>79-Mar-06     |   | HASTE CORRO                 |                  |        |        | :                 | :   | 0000                 |   | 87005936             | •     | ż       |                          | 18-Aug-87                | 141                    |            |                |
| 13-Mar-87                  |   | HASTE FLA                   |                  |        |        | i                 | i   |                      |   | 87005954             | i     |         |                          | 126-Aug-87               | 1 166                  |            |                |
| 26-Aug-87                  | N. A. S.                                | URSTE FLA                   |                  |        |        | i                 | i   | 86354468             | i |                      | i     | 1       | t                        | 1                        | 1 5                    |            |                |
| 20-Mar-87                  | 0. N. S.                                | HRSTE COMBU                 | STIBLE           | LIQUII | D O/P  | ŧ                 | ı   | 86354475             | 1 |                      | ı     | 1       | 1                        | !                        | 164                    |            |                |
| 20-Har-87                  |   | HASTE CORRO                 |                  |        | N.O.S. | į.                | ı   | 86354475             |   |                      | 1     |         |                          | 126-Aug-87               | 1 159<br>1 151         |            |                |
| 20-Mar-87                  |   |                             | ORME L           |        |        | 1.                | •   | 00331113             | ! | 95620058             | ·     | 7       | 1 P                      | 18-Aug-87                | 151                    |            |                |
| 16-Aug-87 (                |   |                             | ORME L           |        |        | 1.                | •   | 86354475<br>86354497 | i | 87005936             | 1     | ż       | T                        | 18-Aug-87                | 167                    |            |                |
| 04-Mar-87 (<br>18-Aug-87 ( | D.R.H.O.  <br>  D.R.H.O.                | COMBUSTIB                   |                  |        |        | i                 | i   | 86354497             | i | 01003330             | i     | ì       | i '                      | i i                      |                        | ì          |                |
| 24-Apr-87                  |   | CORROSI                     |                  |        |        | ì                 | i   |                      | i | 87005954             | i     |         | USPCI                    | 126-Aug-87               | 1 124                  |            |                |
| 04-Har-87                  |   |                             | ORMA L           |        |        | i                 | i   | 86354498             |   | 87005936             | Ī     | 1       | l T                      | 18-Aug-87                | 1 167                  |            |                |
| 06-Har-87                  | D.R.H.O.                                | CORROSI                     |                  |        |        | 1                 | 1   | 86354500             | ŧ | 87005954             | ļ :   |         | USPCI                    | 126-Aug-87               |                        |            |                |
| 06-Mar-87                  |   | HASTE C                     |                  |        |        | Ī                 | į   | 86354500             | į |                      | 1     | 1       | ! _                      | 140 0 07                 | 1 176                  |            |                |
| 06-Mar-87                  |   | HASTE F                     |                  |        | t D    | •                 | •   |                      |   | 87005936<br>87005936 |       | 3       | <b>†</b><br>  <b>†</b>   | 18-Aug-87<br>  18-Aug-87 |                        |            |                |
| 06-Har-87 (                |   |                             | ORMA L<br>ORMA L |        |        | 1                 | :   | 86354500<br>86354500 |   | 61002336             | 1     | ī       | ; '                      | 1 20 - nag of            | 1                      |            |                |
| 18-Rug-87  <br>06-Mar-87   | : = - : : : : : : : : : : : : : : : : : |                             | ORMB L           |        |        | i                 | i   | 86354500             | i |                      | i     | Š       | i                        | i                        | 1 176                  |            |                |
| 21-Apr-87                  |   | HASTE COMBU                 |                  |        | D NOS  | i                 | i   | 86354524             | i | 87005936             | i     | 1       | İ                        | 119-Aug-87               | 1 119                  |            |                |
| 26-Rug-87                  |   | HASTE CORRO                 |                  |        |        | İ                 | 1   | 86354529             | 1 |                      | I     | 3       | 1                        | 1                        | 1                      |            |                |
| 13-Apr-87                  | I CGA I                                 | HASTE CORRO                 |                  |        |        | 1                 | ı   | 86354529             | 1 | 87005954             | ļ.    |         | USPCI                    | 126-Aug-87               | 1 135                  |            |                |
| 17-Apr-87                  |   | HASTE "P                    |                  |        |        | ļ.                | ļ   | 87005605             | į |                      | !     | 1       | ! -                      | 1 10-007                 | 1 130                  |            |                |
| 17-Apr-87                  |   | HASTE COMBU                 |                  |        |        |                   |     |                      |   | 87005936<br>87005936 | ! .   | 5<br>10 | ! <b>†</b><br>! <b>†</b> | 18-Aug-87<br>  18-Aug-87 |                        |            |                |
| 17-Apr-87                  |   | HRSTE CORRO                 |                  |        |        | 1                 | 1   | 8700560S             | : | 87005954             | ;     |         |                          | 126-Aug-87               |                        | i :        |                |
| 18-Aug-87 (<br>17-Apr-87 ( |   |                             | E ORMA           |        | 4.0.3. | i                 | i   |                      | i | 87005936             | i     | á       |                          | 1 18-Aug-87              | i 123                  | 3 1        |                |
| 17-Apr-87                  |   |                             | STE ORH          |        |        | i                 | i   |                      |   | 87005936             | i     | 6       |                          | 1 18-Aug-87              | 1 123                  | 3 (        |                |
| 11-Hay-87 I                |   | HASTE CORRO                 |                  |        | N.O.S. | Ì                 | i   | 87005610             | t | 87005936             | ı     | 4       | l T                      | 18-Aug-87                | 1 99                   |            |                |
| 15-May-87 (                |   | HAZARDOUS H                 |                  |        |        | 1                 | ı   | 87005676             | ŧ |                      | 1     |         | 1                        | 1                        | 1 100                  |            |                |
| 15-May-87 (                |   | HASTE CORRO                 |                  |        |        | !                 | . ! | 87005687             | • |                      | 1     | 1       |                          | •                        | 1 108                  | 3 I        |                |
| 16-Jun-87 (                |   | HAZARDOUS H                 |                  |        |        |                   |     | 87005728             | ! |                      | 1     | 7       | !                        |                          |                        | 4 1        |                |
| 18-Jun-87                  |   | HASTE POI                   |                  |        |        |                   |     | 87005728<br>87005728 | : |                      | :     | 5       |                          | ;                        | i 7-                   |            |                |
| 18-Jun-87  <br>18-Jun-87   |   | WASTE "POI<br>  WASTE COMBU |                  |        |        |                   |     |                      | i | 87005936             | ;     | _       | -                        | 18-Aug-87                |                        | Ĺĺ         |                |
| 18-Jun-87                  |   | HRSTE CON                   |                  |        |        |                   |     | 87005728             | i | 0.003330             | i     | 6       | i '                      | 1                        | i 74                   | 4 1        |                |
| 26-Aug-87                  | N.A.S.                                  | HASTE CORRO                 |                  |        |        |                   |     | 87005728             | i |                      | i     | 2       | i                        | i                        |                        | 5          |                |
| 16-Jun-87                  |   | HASTE CORRO                 |                  |        |        | 10.0.005          |     |                      | ı | 87005954             | 1 :   | 12      | IUSPCI                   | 126-Aug-87               |                        | 3 !        |                |
| 18-Jun-87                  | I N.A.S. I                              | HAZARDOUS H                 |                  |        |        |                   |     | 87005731             | ı |                      | 1     | 1       | ļ                        | <u>!</u>                 |                        | 4 !        |                |
| 18-Jun-87                  |   | HASTE COM                   |                  |        | NOS    |                   |     | 87005731             | į |                      | 1     | 2       | ! _                      | 110-007                  |                        | 4 !<br>L 1 |                |
| 18-Jun-87                  | I N.A.S.                                |                             | E ORHA           |        |        | 10.0.006          | 1!  | 87005731             | • | 87005936             | !     | 1       | 1 P                      | 18-Aug-87                |                        | i          |                |
| 13-Jul-87 (<br>13-Jul-87 ( |   | HASTE COM                   |                  |        |        | ;                 | - 1 | 87005738<br>87005738 | ; | 87005954             | 1     |         | USPCI                    | 26-Aug-87                | i 4                    |            |                |
| 13-Jul-87                  | 1 D.R.M.O.                              | HRSTE FLA                   |                  |        |        | i                 | i   | 87005738             | i | 87005936             | i     | Ž       |                          | 118-Aug-87               | i 30                   | 5 1        |                |
| 18-Jun-87                  |   | HASTE CORRO                 |                  |        |        | 10.0.006          | si  | 87005743             | i | 87005954             | İ     | Š       | USPCI                    | 126-Aug-87               |                        | <b>9</b> 1 |                |
| 18-Jun-87                  |   | HRSTE FLA                   |                  |        |        |                   |     | 87005743             | 1 | 97005936             | t     | _       | i t                      | 18-Aug-87                |                        | įį         |                |
| 18-Jun-87                  | 1 D.R.H.O.                              | HASTE C                     |                  |        |        | 10.0.006          | 31  | 87005744             | ļ |                      | 1     | 1       | 5                        | !                        |                        | 4 !        |                |
|                            | IN.A.S. 360                             | HASTE "P                    |                  |        |        | !                 | į   | 67005749             | ! |                      | :     | 16      |                          | •                        |                        | 7 I        |                |
|                            | IN.A.S. 360                             | HASTE "P                    |                  |        |        | In a ac-          |     | 87005749             | • |                      | ;     | 2       | t<br>•                   | :                        |                        | 2          |                |
|                            | 1 D.R.H.O. 1<br>1 D.R.H.O. 1            | HASTE C<br>HASTE CORRO      |                  |        |        | 10.0.007          | 3 ( | 87005861<br>87005862 |   | 87005954             | i .   |         |                          | 126-Rug-87               |                        | Fi         |                |
| 20-301-87<br>18-Rua-87     |   | HAZARDOUS H                 |                  |        |        | in.0-919          | 4 i | 87005910             |   | 0,003334             | i     |         | 1                        | i                        | 1 13                   | 3 I        |                |
| 18-Rug-87                  |   | HASTE "P                    |                  |        |        |                   |     | 67005910             |   |                      | İ     | 1       | 1                        | I                        |                        | 9 !        |                |
| 18-Aug-87                  |   | WASTE C                     |                  |        |        |                   |     | 87005910             |   |                      | t     | 1       | 1                        | 1                        | 1 1                    | <b>5</b> 1 |                |
| -                          |   |                             |                  |        |        |                   |     |                      |   |                      |       |         |                          |                          |                        |            |                |

INVENTORY AS OF AUGUST 31, 1987 68

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# ATTACHMENT Q UNIFORM HAZARDOUS WASTE MANIFESTS

# INCOMING MANIFESTS JULY - OCTOBER

#### **JULY**

|  | EPA ID No.   | Manifest  | 2 0   | ige 1   |                                       | Sacramento, Calif  |
|--|--|---|---|---|---------------------------------------|--|
| UNIFORM HAZARDOUS  |  | Document No.  | 2. Pa   | inic  |                                       | the shaded areas<br>I by Federal law.  |
| 3. Generator's Name and Mailing Address M.E. D. Ablo 1405 Pital  |  | 1-1-1-21  | A. State                                      | Manifest D  | cument Nur                            | nber and   |
| 2540 East Street, Concord C  | A 94520  |   | * * (   | 3104  |                                       | Tonish are on the  |
| 4. Generator's Phone (4/15) 674-2261   |  |   | B. State                                      | Generator   | えっつ                                   | 1354   |
| 5. Transporter 1 Company Name , 6  | . US EPA ID Number   |   | C. State                                      | e Transporte  | 's ID K                               | 1464   |
|  | CAITIO1810191  | 410179  | D. Tran                                       | sporter's Ph  | one 415                               | 1053-800   |
| 7. Transporter 2 Company Name 8  | . US EPA ID Number   |   | E. State                                      | e Transporte  | 10 C                                  | <b>VERTON</b>  |
|  | 110 504 10 11 1  |   |   | sporter's Ph  | 7 77 27 4                             | ila desta de la composición dela composición de la composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición de la composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición dela composición dela composici |
| 9 Designated Facility Name and Site Address Day Arca Environmental   | 0. US EPA ID Number  |   | U. SIBI                                       | e Facility's I  | 1367                                  |  |
| 1125 Hensley St  |  |   | H_Faci  | lity's Phone,   | the set to                            | * ************************************   |
| Richmond CA 94801  | CATTICI 8101011  | 9079  | (41   | s)23:   | <del>3-80</del> 0                     | Mario mana   |
| 11. US DOT Description (Including Proper Shipping Name, Hazard   | Class, and ID Number)  | 12. Conta   |   | 13. Total<br>Quant  | ty Unit                               |  |
| ā.   |  | No.   | Туре  |   | Wt/V                                  | State:   |
|  |  |   |   |   |                                       | 013  |
| waste Xylene, Flammable lie  | 10.d, UN1307   | 001   | DM  | 111   | 45 G                                  | Doo!   |
| b.   |  |   |   |   |                                       | State  |
|  |  |   |   |   |                                       | EPA/Other  |
| C.   |  |   |   |   |                                       | State  |
|  |  |   |   |   |                                       | EDA (Ottos   |
|  |  |   |   | 111   |                                       | EPA/Other;   |
| d.   |  |   |   |   |                                       | State.   |
|  |  |   |   |   |                                       | EPA/Other  |
| Andrewsky the produce the stage of the policy for the stage of the sta | - SST AT US F  | ****  |   | mana ya mana ya m   | an out of the second                  | A freely to be seen to be a  |
| 15. Special Handling Instructions and Additional Information  wear protective althing  |  |   |   |   |                                       |  |
|  |  |   |   |   |                                       |  |
| been processes as a painty   |  |   |   |   |                                       |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the   |  |   |   |   |                                       |  |
| 16.  |  |   |   |   |                                       |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, a international and national government regulations.  If I am a large quantity generator, I certify that I have a present the second sec | nd are in all respects in pro<br>rogram in place to reduce the   | per condition volume and  | for tran                                      | sport by hig<br>of waste ge                                 | hway acco                             | the degree I have  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, a international and national government regulations.  If I am a large quantity generator, I certify that I have a predetermined to be economically practicable and that I have me which minimizes the present and future threat to humans.  | nd are in all respects in pro<br>ogram in place to reduce the<br>e selected the practicable n<br>an health and the environmer  | per condition  volume and nethod of tre nt; OR, if I an                             | for tran<br>toxicity<br>atment, a             | sport by hig<br>of waste ge<br>storage, or<br>I quantity ge | nerated to<br>disposal cuences of the | the degree I have urrently available to have made a good   |
| 16.  GENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, a international and national government regulations.  If I am a large quantity generator, I certify that I have a predetermined to be economically practicable and that I have   | nd are in all respects in pro<br>ogram in place to reduce the<br>e selected the practicable n<br>an health and the environmen<br>best waste management me  | per condition  volume and nethod of tre nt; OR, if I an                             | for tran<br>toxicity<br>atment, a             | sport by hig<br>of waste ge<br>storage, or<br>I quantity ge | nerated to<br>disposal cuences of the | the degree I have<br>trently available to<br>have made a good<br>ford.   |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, a international and national government regulations.  If I am a large quantity generator, I certify that I have a predetermined to be economically practicable and that I have me which minimizes the present and future threat to human faith effort to minimize my waste generation and select the  | nd are in all respects in pro rogram in place to reduce the e selected the practicable in an health and the environment best waste management me  Signature  | per condition  volume and nethod of tre nt; OR, if I an                             | toxicity<br>atment, a smal<br>available       | sport by hig<br>of waste ge<br>storage, or<br>I quantity ge | nerated to<br>disposal cuences of the | the degree I have<br>trently available to<br>have made a good<br>ford.   |
| GENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, a international and national government regulations.  If I am a large quantity generator, I certify that I have a product of the determined to be economically practicable and that I have me which minimizes the present and future threat to huma faith effort to minimize my waste generation and select the Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials   | nd are in all respects in pro rogram in place to reduce the e selected the practicable in an health and the environment best waste management me  Signature  | per condition  e volume and nethod of tre nt; OR, if I an thod that is a            | toxicity<br>atment, a smal<br>available       | sport by high   | nerated to<br>disposal cuences of the | the degree I have<br>trently available to<br>have made a good<br>ford.   |
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#### **AUGUST**

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|--|--|---|----------------------------|----------------------------------|--------------------------------|-------------------------------------|-------------|---|
| WASTE MANIFEST  3. Generator's Name and Mailing Address  | 1 0 4 P 1 2 1 0 10 13 12   | 1. 12 12 13 3   | 1.11.11                    | A. State                         |                                | st Docume                           | <u> </u>    |   |
| BARD Cardio Surgery  |  |   |                            | Č                                | שו ל                           | 416                                 | 63          |   |
| 2400 A disso Lame, Con   | cord, CA 94567   |   | 1                          |                                  | Genera                         |                                     |             |   |
| 4. Generator's Phone (ゴレ) 880-096  | ب  |   | l                          | HIA                              | HIQ                            | 13/6/                               | 0 2 1       | 0 <sub>1</sub> 3 <sub>1</sub> 2 <sub>1</sub> 9 <sub>1</sub><br>1464               |
| 5. Transporter 1 Company Name  | 6. US  | EPA ID Number   |                            | C. State                         | Transp                         | orter's ID                          | 80.         | 1464  |
| Bay Area Environmental   | I CLA <sub>L</sub> T <sub>I</sub> ∪ L  | EPA ID Number   | ÜPP                        | D. Trans                         | sporter's                      | Phone                               |             |   |
| 7. Transporter 2 Company Name  | 8. US  | EPA ID Number   |                            | E. State                         | Transp                         | orter's ID                          |             |   |
|  | 1.4.1.1.1.1  |   |                            | F. Trans                         | sporter's                      | Phone                               |             |   |
| 9. Designated Facility Name and Site Address   | s 10. US   | EPA ID Number   |                            | G. State                         | e Facility                     | /'s ID                              |             |   |
| Bay Area Enviconmental   |  |   |                            |                                  | 11                             |                                     | 11          |   |
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| Richmond, CA 54801   | I CLALLIO  | 8 10 10 11 14   |                            |                                  |                                |                                     |             |   |
| 11. US DOT Description (Including Proper Shi   | oping Name, Hazard Class, and ID N   | umber)  | 12. Conta                  | ners                             | 13. T<br>Qı                    | otał<br>Jantity                     | 14.<br>Unit | i.<br>Waste No.   |
|  |  |   | No.                        | Туре                             |                                |                                     | Wt/Vol      | State   |
| a.   | G  |   |                            | İ                                |                                |                                     | 9           | State   |
| Hazardous waste liquid.  | N O C (10% - 5 A)  | 41.46   | 301/                       | 2100                             |                                | 35                                  | 3           | EPA/Other   |
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| nazardous waste solid,   | N.C.S. ORM-F. MA   | 169   | 195                        | 1                                | 1 ° 1                          | 1 1                                 | 7           | EPA/Other   |
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IN CASE OF AN EMERGENCY OF SPILL, CALL THE NATIONAL RESPONSE CENTER TONO 424 00004.

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| 3. Generator's Name and Mailing Address Xona Corporation   |  |  | A. Stat                                      | e Manifest                             | Documen                                      | TA.  | Kiskid<br>Program<br>Samular                       |
| 2910 7th Street, Berkeley, CA 94   | 4710   |  | B. Stat                                      | e Generato                             | r's ID                                       |  | Lancas and   |
| 4. Generator's Phone (415) 644-1170  |  |  | 15 Years                                     | - #}asa;€*<br>- [ * [ * [ -            | 1  | C. Spring  | saemit<br>Terled                                   |
| 5. Transporter 1 Company Name  | 6. US EPA ID Number  |  | C. Stat                                      | e Transpor                             | ter's ID -                                   | 150.   | n  |
| Xodia Corporation  | l jejx;ejmipiti  |  |  | sporter's F                            |  |  | 14 -   |
| 7. Transporter 2 Company Name  | 8. US EPA ID Number  |  | E. Stat                                      | e Transpor                             | er'a ID                                      | i se kred  | See Take   |
|  |  |  | F. Tran                                      | sporter's P                            | hone 🦠                                       | "E. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.   | u ~ohr <b>?</b> 3                                  |
| 9. Designated Facility Name and Site Address   | 10. US EPA ID Number   |  |  | e Facility's                           | d liberts                                    | CONTRACT.  | or seed the  |
| Bay Area Environmental   |  |  | 19.5   | lity's Phon                            |  |  | decentrial   |
| 1125 Hensley Street  | 1 C & T. O. O. O. O. O. 1  | .400   | F -9.31                                      | mar A tree                             | AMENAN                                       | ST MOD   | residence d<br>Portonia<br>Portonia                |
| Richmond, CA 94801   | 1 C A T 0 8 0 0 1  | 12. Cont   |  | 13. Tot                                |  |  | Conta  |
| 11. US DOT Description (Including Proper Shipping Name, Hazar  | rd Class, and ID Number)   | No.  | Туре   | Qua                                    | ntity  | Unit   | ins Wat  |
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| J. Additional Descriptions for Materials Listed Above  | (2) (ATE & L SUL 1814 C.)  |  | K Her  | dling Code                             | e for Wa                                     | etee l iet   | ed Ahou  |
| Generator transported waste - se   |  |  |  | ing.                                   |  |  |  |
|  | The aster 7  |  |  |  | <u> </u>                                     | irbableh bi  | Signal of  |
| 15. Special Handling Instructions and Additional Information   |  |  |  |  |  |  |  |
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RESPONSE

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WHITE: TODE RETAINS

| 3. Generator's Name and Mailing Address  XOMA Corporation 2910 7th Street, Berkeley, CA 94710 4. Generator's Phone (415 644-1170) 5. Transporter 1 Company Name  XOMA Corporation 7. Transporter 2 Company Name 8. US EPA ID Number  US EPA ID Number  8. US EPA ID Number  9. Designated Facility Name and Site Address 10. US EPA ID Number  Bay ARea Environmental 1125 Hensley Street Richmond, MCA 94801  C A T 0 8 0 0 1  | <u>                </u>      | <br>  <br>                            | B. Stat C. Sta D. Trai E. Stat F. Trai | te General te Transporte                          | erator's isporter's Pho                     | i D<br>s ID<br>r's ID<br>one<br>r's ID |   | today (* 1800)<br>today (* 1800)<br>today (* 1800)   |
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| 2910 7th Street, Berkeley, CA 94710  4. Generator's Phone (419 644-1170)  5. Transporter 1 Company Name 8. US EPA ID Number Xoma Corporation   RAB  e x em pt    7. Transporter 2 Company Name 8. US EPA ID Number    9. Designated Facility Name and Site Address   10. US EPA ID Number    Bay ARea Environmental   1125 Hensley Street   | <u>                </u>      | <u> </u>                              | C. Sta<br>D. Trai                      | te Tran   | erator's<br>nsporter<br>er's Phonsporter    | s ID<br>r's ID<br>one<br>r's ID        |   |  |
| 5. Transporter 1 Company Name  Xoma Corporation  7. Transporter 2 Company Name  8. US EPA ID Number  8. US EPA ID Number  9. Designated Facility Name and Site Address  Bay ARea Environmental  1125 Hensley Street   | <u>                </u>      | <br><br>                              | D. Trai                                | nsporte<br>te Tran                                | sporter<br>er's Pho<br>sporter              | r's ID<br>one<br>r's ID                |   |  |
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| 9. Designated Facility Name and Site Address 10. US EPA ID Number Bay ARea Environmental 1125 Hensley Street  | <u>                </u>      | <u>ll.</u>                            | F. Tra                                 |   |   |  |   | Contract Con   |
| Bay ARea Environmental<br>1125 Hensley Street   |                              | Ц.,                                   |  |   | ar'e Phr                                    |  | A PARTICION                                     | في إينان ينافي ه   |
| Bay ARea Environmental<br>1125 Hensley Street   |                              |                                       | G. Sta                                 | te Fac  | ility's II                                  | D                                      |   | and the same of  |
| 1125 Hensley Street   |                              |                                       | 57.00 g                                | 1   | 1 1 1                                       | ا ا                                    | 200 x 10 100                                    |  |
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|   | _                            | Cont                                  |  |   | . Total                                     |  | 8001  | 3 to 4 2 10 1  |
| 11. US DOT (lescription (Including Proper Shipping Name, Hazard Class, and ID Number)   | 1                            | No.                                   | Type                                   | "   | Quanti                                      |  | Unit<br>Wt/Vol                                  | Wasto  |
| a.  | +-                           | 10.                                   | 1,,00                                  |   |   |  |   | State  |
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| Hazardous Haste Liquid N.O.S., Flammable NA #1993   | $O_{1}$                      | 4-                                    | BV                                     |   | 11  | <u> </u>                               | 9   | EPA/Other  |
| b.  |                              |                                       |  |   |   |  |   | i <b>State</b> ເອົ້ວ<br>ູ້ປານເຄັ່  |
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|   |                              |                                       |  |   |   |  |   | EPA/Other  |
| solvent from laboratory  Senerator transported waste small quantity   | TRACE CO                     | 2000<br>***********                   | <b>a</b> .                             | realist<br>Comm                                   | Codes                                       | 24.92%<br>10.3                         | b. 180  |  |
| solvent from laboratory small quantity  | TRACE CO                     | 2000<br>***********                   | <b>a</b> .                             | realist<br>Comm                                   | 175 A 2                                     | 24.92%<br>10.3                         | d.  | EPA/Other  |
| solvent from laboratory small quantity  | TRACE CO                     | 2000<br>***********                   | <b>a</b> .                             | realist<br>Comm                                   | 175 A 2                                     | 24.92%<br>10.3                         | d.  | EPA/Other  sted Above  and Nove  and |
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(Rev. 9-86) Previous editions are obsolete.

|   |  |  | A. Sta  | ite Manifest Docum  |  | D67,49.53  |
|---|--|--|---|---|--|--|
| Ion Systems Inc.  |  |  |   | 87041   |  |  |
| 2541 10th Street, Berkeley, CA 94710  |  |  | · 73 9  | ite Generator's ID  | 5.2 · **   | gay dana h   |
|   | US EPA ID Number   |  | H   | A   H   Q   3   60<br>ate Transporter's II  | 20   | 912181   |
|   |  |  | D. Tr   | insporter's Phone   | 416  | -240-0   |
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| Designated Facility Name and Site Address   | US EPA ID Number   | <u> </u>   | G. St   | ate Facility's ID at  | ant lu   | 12# C  |
| Bay Area Environmental  |  |  |   |   | . 281  | of a class   |
| 1125 Hensley STreet   | 280iOI   | 4.77   | H. Fa   | 415-233-8   | 71   |  |
| Richmond, CA 94801  | 31 1 21 21 1   | 12. Con  | tainers   | 13. Total   | 14.  | Warren .   |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and I   | D Number)  | No.  | Туре  | Quantity  | Unit<br>Wt/Vo  | The Was  |
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| Waste Methylethyl Ketone Flammable UN 1193  | 3  | 0 0 1  | DH  | 0 10 10 10 15   | ↓ G  | 20 10 10 10 10 10 10 10 10 10 10 10 10 10  |
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| 15. Special Handling Instructions and Additional Information  | Target   |  | 1   |   | I  |  |
| 15. Special Handling Instructions and Additional Information  Store in cool area  18.  GENERATOR'S CERTIFICATION: I hereby declare that the contents name and are classified, packed, marked, and labeled, and are in a international and national government regulations.  If I am a large quantity generator, I certify that I have a program in p  | of this consignme  | per conditions   | on for tra<br>d toxicit                                 | ansport by highway of waste genera  | above by accor                                       | rding to ap  |
| 15. Special Handling Instructions and Additional Information  Store in cool area  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents name and are classified, packed, marked, and labeled, and are in a international and national government regulations.  | of this consignment of this consignment of the practicable reduced the the practicable reduced the environment of the environme | per condition<br>by volume an<br>nethod of to<br>nt; OR, if I a  | on for tra<br>d toxicit<br>eatment<br>im a sm           | ansport by highwa<br>y of waste genera<br>, storage, or disp<br>all quantity genera       | above by accor                                       | rding to ap<br>the degree<br>rrently avai<br>ave made  |
| 15. Special Handling Instructions and Additional Information  Store in cool area  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents name and are classified, packed, marked, and labeled, and are in a international and national government regulations.  If I am a large quantity generator, I certify that I have a program in p determined to be economically practicable and that I have selected me which minimizes the present and future threat to human health at faith effort to minimize my waste generation and select the best waste  | of this consignment of this consignment of the practicable reduced the the practicable reduced the environment of the environme | per condition<br>by volume an<br>nethod of to<br>nt; OR, if I a  | on for tra<br>d toxicit<br>eatment<br>im a sm           | ansport by highwa<br>y of waste genera<br>, storage, or disp<br>all quantity genera       | above by accordated to toosal culator, i his can aff | rding to ap<br>the degree<br>rrently avai<br>ave made  |
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| 15. Special Handling Instructions and Additional Information  Store in cool area  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents name and are classified, packed, marked, and labeled, and are in a international and national government regulations.  If I am a large quantity generator, I certify that I have a program in p determined to be economically practicable and that I have selected me which minimizes the present and future threat to human health a faith effort to minimize my waste generation and select the best waste.  Printed/Typed Name  Sign  17. Transporter 1 Acknowledgement of Receipt of Materials   | of this consignment of the practicable in the practicable in and the environment of the management menture   | per condition<br>by volume an<br>nethod of to<br>nt; OR, if I a  | on for tra<br>d toxicit<br>eatment<br>im a sm           | ansport by highwa<br>y of waste genera<br>, storage, or disp<br>all quantity genera       | above by accordated to toosal culator, i his can aff | the degree<br>rrently avai<br>ave made<br>ford.  |
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| 15. Special Handling Instructions and Additional Information  Store in cool area  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents name and are classified, packed, marked, and labeled, and are in a international and national government regulations.  If I am a large quantity generator, I certify that I have a program in p determined to be economically practicable and that I have selected me which minimizes the present and future threat to human health a faith effort to minimize my waste generation and select the best waste.  Printed/Typed Name  Sign  17. Transporter 1 Acknowledgement of Receipt of Materials   | of this consignment of the practicable in the practicable in and the environment of the management menture   | per condition of the co | on for tra<br>d toxicit<br>eatment<br>im a sm           | ansport by highwa<br>y of waste genera<br>, storage, or disp<br>all quantity genera       | above by accordated to toosal culator, i his can aff | the degree<br>rrently avai<br>ave made<br>ford.  |
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| 15. Special Handling Instructions and Additional Information  Store In Cool area  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents name and are classified, packed, marked, and labeled, and are in a international and national government regulations.  If I am a large quantity generator, I certify that I have a program in p determined to be economically practicable and that I have selected me which minimizes the present and future threat to human health at faith effort to minimize my waste generation and select the best waste.  Printed/Typed Name  Sign  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Sign  16. Transporter 2 Acknowledgement of Receipt of Materials   | of this consignment of the practicable in the practicable in the environment menture in the practicable in the environment menture in the practicable in the environment in the environment in the practicable in the practica | per condition of the co | on for tra<br>d toxicit<br>eatment<br>im a sm           | ansport by highway of waste general, storage, or dispall quantity generale to me and that | above by accordated to toosal culator, i his can aff | the degree rently available ford.  Month D   |
| 15. Special Handling Instructions and Additional Information  Store In Cool area  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents name and are classified, packed, marked, and labeled, and are in a international and national government regulations.  If I am a large quantity generator, I certify that I have a program in p determined to be economically practicable and that I have selected me which minimizes the present and future threat to human health at faith effort to minimize my waste generation and select the best waste.  Printed/Typed Name  Sign  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Sign  16. Transporter 2 Acknowledgement of Receipt of Materials   | of this consignment of the practicable in the practicable in the environment menture in the practicable in the environment menture in the practicable in the environment in the environment in the practicable in the practica | per condition of the co | on for tra<br>d toxicit<br>eatment<br>im a sm           | ansport by highway of waste general, storage, or dispall quantity generale to me and that | above by accordated to toosal culator, i his can aff | the degree rently available ford.  Month D   |
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| WA:STE MANIFEST   A   K   D   9   8   0   9   8   3   0   0   12   7   0   3. Generator: Name and Mailing Address  | ) IO II IS                                  | A. State  | Manifest Docur   | nent Num    | by Federal lav   |
|--|---|-----------|--|-------------|--|
| Alyeska Pipeline Service Co., - AMF  |   | Miss 48   | 1.081  | 3/1/        | eratoristanica<br>al ila deleganica  |
| 5317 Minnesota Dr., Anchorage, Ak. 99502   |   |           | Generator's ID   |             | region.  |
| 4. Generator's Phone ( 907) 265-8598   |   |           |  |             |  |
| 5. Transporte 1 Company Name 6. US EPA ID Number   |   | ,,,       | Transporter's I  |             | 100 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1  |
| Lynder: Transport, Inc. WADOO279   | 9 2 6 0                                     |           |  |             | Marie San Am   |
|  | .0.9.5                                      |           | Transporter's i<br>porter's Phone  |             |  |
| 9. Designated Facility Name and Site Address 10. US EPA ID Number  | 10 0 0                                      | G. State  | Facility's ID  | to the or   | ikan mengangan dia kemalah dia kemelah dia kemelah dia kemelah dia kemelah dia kemelah dia kemelah dia kemelah<br>Menjadah dia kemelah dia kemelah dia kemelah dia kemelah dia kemelah dia kemelah dia kemelah dia kemelah dia k   |
| Bay Area Environmental   |   | 13.00     | 7 - 10 133 3   | וֹיינוֹ מוֹ |  |
| 1125 Kensley St.   |   | H. Facili | ty's Phone   | Spatial 1   | pamanangus.  |
| Richmond, Ca. 94801 CAT 0 8 0 0 1 4  |   | A Library | A CALL THE PARTY OF  | C are       | 24   |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   | 12: Conta                                   |           | 13. Total<br>Quantity  | 14.<br>Unit | *Waste No  |
| Wagta Planmable Limits W O C (Nas Touleablille)  | No.   | Туре      |  | Wt/Vo       | State  |
| Waste, Flammable Liquid, N.O.S., (EPA Ignitability) Flammable Liquid UN1993  |   |           |  |             | ુ.અ.એ. <b>213</b> .  |
| ONIS33   | 1 2   | BK        | 110  | G           | EPA/Other DOOL   |
| b. Usersadana Macka Tilania III a a a a a a a a a a a a a a a a a  | ļ .   |           |  |             | State 214  |
| Hazardous Waste, Liquid, N.O.S., ORM-E WA9189  | . 6   | DM        | 3 3 (  | G           | EPA/Other  |
| The same of the sa |   |           |  |             | N/A  |
| RO. Waste, Oil, N.C.S. (EPA Ignitability)  |   |           |  |             | State 221  |
| Flammable Liquid HA1270  | 1. 1/                                       | DM        | 1 1/15:  | 5 G         | EPA/Other  |
| d.   | <u>                                    </u> | 77        | 1 131  | +           | State  |
|  |   |           |  |             | The state of the s |
| J. Additional Descriptions for Materials Listed Above    Additional Descriptions for Materials Listed Above  |   |           | 1 1 1 1  |             | EPA/Other  |
| 15. Special Handling Instructions and Additional Information a. Analysis attached b. Analysis attached   |   |           |  |             | *  |
| c. Analysis attached   |   |           |  | •           |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment name and are classified, packed, marked, and labeled, and are in all respects in property.   |   |           |  |             |  |
| international and national government regulations.   |   |           |  |             |  |
| If I am a large quantity generator, I certify that I have a program in place to reduce the determined to be economically practicable and that I have selected the practicable me   | ethod of tre                                | atment, s | torage, or disp  | osal cur    | rently available   |
| me which minimizes the present and future threat to human health and the environment;  |   |           |  |             |  |
| faith effort to minimize my waste generation and select the best waste management meth   |   |           |  |             | Month_ Day   |
| Printed/Typed Name Signature 4   | 4   |           | ;  |             | P/8/10   |
|  | Rac   | Sound     |  |             |  |
| Printed/Typed Name Signature 4   | , fac                                       | So de     |  |             |  |
| Printed/Typed Name  Signature  Signature  Signature  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature/   | Rac   | n d       |  |             | Month Day  |
| Printed/Typed Name SILLY M RADFORD  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name SEORG: LOW-  | r fac                                       | hod<br>L  | 7  |             | Month Day  |
| Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials   | r fact                                      | L         | 7  |             | 194110   |
| Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature   | 1 Factor                                    | La Car    | 7  |             | Month Day  |
| Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials   | r fact                                      | L<br>Ca   | T thy  |             | 194110   |
| Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature  ACHILL  Signature  ACHILL  Signature  ACHILL  Signature   | r fact                                      | L<br>Cn   | 7<br>zdy   |             | Month Day  |
| Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature  ACHILL  Signature  ACHILL  Signature  ACHILL  Signature   | 1 Fact                                      | L<br>Cn   | 7<br>2dy   |             | Month Day  |
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| Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Printed/Typed Name  Signature  19. Discrepancy Indication Space   | ~ E.  | La        | Thy<br>n Hem 19.   | 20,         | Month Day 10 19 11   |
| Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Printed/Typed Name  Signature  ART///  19. Discrepancy Indication Space  | ~ E.  | La        | this name is a second s | A),         | Month Day  |



ANCHORAGE INDUSTRIAL CENTER 5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343



|          | ANALYTICAL REPO                | RT                     |                          |
|----------|--------------------------------|------------------------|--------------------------|
| CLIENT_  | Alyeska Pipeline Service Co.   | CLIENT P. O. # TAPS    | 3747/#083                |
| ADDRESS  | P.O. Box 196606                | SAMPLES RECEIVED:      | 4/27/87                  |
|          | Anchorage, AK 99519-6606       | SAMPLES COLLECTED:     |                          |
| REFER QU | ESTION TO: Stephen C. Ede      | DATE ANALYZED:         | 5/4/87                   |
| APPROVED | BY: Stephen C. Ede WW          | LAB SAMPLE NO.         | 6037                     |
|          |                                | D.: SDR #SS870014 C    | ontainer #2              |
|          | MATRIX: 011                    |                        |                          |
| METHOD:  | ASTM D-808                     |                        |                          |
|          |                                |                        |                          |
|          | Total Halogens, ppm            | 525                    | 1                        |
|          |                                |                        |                          |
|          | Polychlorinated Biphenyls, ppm | ND (1                  | ,                        |
|          |                                |                        |                          |
|          |                                |                        |                          |
|          |                                |                        |                          |
|          |                                |                        |                          |
|          |                                |                        |                          |
|          |                                |                        |                          |
|          |                                |                        |                          |
|          |                                |                        |                          |
|          | •                              |                        |                          |
| 11. C    |                                |                        |                          |
|          |                                | ND = NONE<br>DETECTION | DETECTED<br>LIMIT IN ( ) |
| RESIDUAL | SAMPLES WILL BE HELD UNTIL:    | INVOICE #              |                          |



#### 5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343 FEDERAL TAX ID # 92-0040440

#### ANALYSIS REPORT BY SAMPLE

: TAPS 3747 #083 litent Fu#

Reg #:

Work under No.

: 750 : ALTESEP

Client Smor 10: SDR #SS870013/CONT#1/USED STODDARD SOLV

Client Account

Date Report Printed: JUN 8 87 9 12:54

Released by

: SUE LCE

Sample Recog : APR 27 87 : BILL RADPORD

PEPORTS ADDRESS #2

Ordered By

REPORTS ADDRESS #1 ALYESKA PIPELINE SRVC CO ATTH ROSS OLIVER\*TAPS3747#47

80X 300

VALUEZ. AL. 99686

Special Instruct:

Chemiab Ref #: 6036

Lan Smol ID: 1

Matrix: 011

Allowable Result/Units Parameter Tested Method Limits EP TOXICITY\*INORGANICS **EP SV846** n/a n/a ARSENIC ND (0.1) may 1 **EPSW846** 5.0 maximum BARIUM 0.89 ma/1 APS#840 idi.U maxim CADMIUM 0.77 ma/i EPolid-16 1.0 mayımum CHROHIUM EPSW84c  $0.54 \, \text{mg/} \, 1$ munikem u.c LEAD 1.84 ma/! EPSW846 5.0 maximum HERCURY ND (0.001) ma/1 EPSW846 0.2 maximum SELENIUM ND (0.1) mg/1 EPS#846 mumixem 0.1 SILVER ND (0.05) ma/1 **EPSV846** 5.0 maximum off. COPROSIVITY 6.2 units **EPSV846** 2.5 - 12.5Y. FLAMMABILITY 115 °F EP5W846 minimum 140 REACTIVITY NON REACTI EPSW846 HALUGENS. TOTAL 329 ppm ASTM 0-809 POLYCHLORINATEDBIPHENYLS-OIL HD (1) ppm EPA 8080 SPECIFIC GRAVITY 0.8099 ASTN D-287

11.2

STODDARD SOLVEN

15 Tests Performed

:iD= Hone Detected na= kot analyzed See Special InstructionsApove

\*\* See Sample Remarks Above LI=Less inan. GT=Greater Than



5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343 FEDERAL TAX ID # 92-0040440

#### AMALYSIS REPORT BY SAMPLE

Itient PU# : TAPS 5741/#085 Řea ∓:

Citent Smpl 1D: SDR #55870016/CONT#3/USED STODDARD SOLV

Sample Recidi : APR 27 87

Ordered By : BILL RADFORD

Work Order No.

: -50

Client Account

: Allesip

Date Report Printed: JUN 8 83 9 (2:5) Rejeased Sy : SUE LCE

REPURTS ADDRESS #2

REPUPTS ADURESS #1

ALTESKA PIPELINE SRVC\_CO

ATTN RUSS OCIVER\*TAPS3747#47

BUS 300

FALDEZ. AE. 99686

Special instruct:

Chemiab Ref #: 6036 Lab Smpl ID: 3

Matrix: Oil

| Parameter Tested             | Result/Units    | Metnod     | Allowable<br>Limits |
|------------------------------|-----------------|------------|---------------------|
| EP TOXICITY+INORGANICS       | n/a n/a         | EP 54846   |                     |
| arsznic                      | ND (0.1) mg/l   | EP54846    | 5.0 maximum         |
| BARIUM                       | 0.60 mg/l       | EPS#846    | 100.0 maxim         |
| CADMIUH                      | 2.50 mg/l       | EP5#846    | 1.0 maximum         |
| CHROMIUM                     | Ú.67 mg/l       | EPS/1846 - | 5.0 max!mum         |
| LEAD                         | 1.6 mg/ i       | £PS¥646    | 5.0 maximum         |
| HERCURY                      | ND (0.001) mg/l | EPSW846    | 0.2 maximum         |
| SELENIUM                     | ND (0.1) mg/l   | EPSW846    | 1.U maximum         |
| Silver                       | ND (0.1) mg/l   | EPSW840    | 5.0 maximum         |
| pH. CORROSIVITY              | 6.4 units       | EPS/846    | 2.5 - 12.5          |
| 'F. FLAHMABILIYY             | 120 °F          | EPSW845    | minimum 140         |
| REACTIVITY                   | HON REACTI      | 2P54846    | 7 .                 |
| halogens. Total              | 1765 ppm        | ASTM D-306 |                     |
| POLYCHLORINATEDBIPHENYLS-OIL | MQQ (1) MI      | £PA 8080   | ·                   |
| SPECIFIC GRAVITY             | 0.7923          | ASTM D-287 |                     |

33.TD 14

STUDUAED SOLVENT: 99.5+%

Remarks:

SOR 3587-0016

15 Tests Performed ilD= lione Detected ha= Not analyzed

→ See Special InstructionsAbove

\*\* See Sample Remarks Above LT=Less Than. GT=Greater Than



5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343 FEDERAL TAX ID # 92-0040440 ANALYSIS REPORT BY SAMPLE



Client PO# : TAPS 3747/#083 Reg #:

Client Sapi ID: SDR #SS870015/CONT#4/USED SOLV. CASTROL

Work Orger No. : •50

Client Account : ALTESEP

Date Report Printed: JUN 8 67 @ 12:55

Released By

: SCE XCT

REPURTS AUDRESS #2

Sample Recidii APR 27 87

Croered by : BILL RADFORD

REPORTS ADDRESS #1

ALYESKA PIPELINE SRVC CO ATTN ROSS OLIVER+TAPS3747#47

BOX 300

VALDEZ. AK. 99685

Special

instruct:

Chemiab Ref #: 6036 Lao Smpt ID: 2

Matrix: Uil

| Parameter Tested             | Result/Units    | Methoa     | Allowable<br>Limits |
|------------------------------|-----------------|------------|---------------------|
| EP TOXICITY*INORGANICS       | n/a n/a         | EP 5¥846   | `                   |
| ARSENIC                      | ND (0.1) mg/l   | EPSW846    | 5.0 maximum         |
| Barium                       | ND (0.1) mg/l   | EP54846    | 100.0 maxim         |
| CADMIUM                      | ND (0.1) mg/l   | - EPSW846  | 1.0 maximum         |
| CHRONIUM                     | 0.25 mg/l       | EPS/846    | 5.0 maximum         |
| LEAD                         | 0.64 mg/l       | EPS#846    | 5.0 maximum         |
| MERCURY                      | ND (0.001) mg/l | EPSw046    | U.2 maximum         |
| SELENIUH                     | ND (0.1) mg/l   | EPSW846    | 1.0 max:mum         |
| SILVER                       | ND (0.1) mg/l   | EPSW846    | 5.0 maximum         |
| pH. CORROSIVITY              | 6.2 units       | EP5W846    | 2.5 - 12.5          |
| 'F. FLAHMABILITY             | 150 °F          | EPSW846    | minimum 140         |
| PEACTIVITY                   | NON REACTI      | EPSW846    | e e e               |
| Halúgens. Ictal              | 212 ppm         | asth D-808 |                     |
| POLYCHLORINATEDBIPHENYLS-OIL | MD (1) ppm      | EPA 8080   | •                   |
| SPECIFIC GRAVITY             | 0.8985          | ASTM 9-287 |                     |

ವಿಕಿದ್ದರ್ಥ (*e* 

STOODARD SOLVENT: 77.5%

remarks: WATER: 15.6%

SULIDS: 6.8%

11.6

15 Tests Performed HD= Hone Detected NA= Not Analyzed

\* See Special InstructionsAbove \*\* See Sample Remarks Above

LT=Less Than. GT=Greater Than



5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343 FEDERAL TAX ID # 92-0040440



Client PO#

: VERBAL

Req #:

Client Smpl ID: SDR#55870014CONTAINER #2 WO#83

Work Order No.

: 1416

Client Account

: ALYESKP

Date Report Printed: JUL 9 87 3 08:38

Released By

: 2 yce

Reports Address #2

Send

Reports To: ALYESKA PIPELINE SRVC CO

Sample Rec'd : JUL 1 87 Ordered By : DAVID SUNDAY

DAVID SUNDAY

P 0 BOX 196606

ANCHORAGE, AK. 99519-6606

Special REFERENCE CHEM LAB WO# 6037 Instruct:

Chemlab Ref #: 6777

Lab Smpl ID: 1

Matrix: Oil

| Parameter Tested           | Re          | sult/Units |    | Method     | Allowable<br>Limits |
|----------------------------|-------------|------------|----|------------|---------------------|
| <br>EP TOXICITY*INORGANICS |             | n/a n/a    |    | EP SW846   |                     |
| ARSENIC                    | ND (0.001)  | mg/l       |    | EPSW846    | 5.0 maximum         |
| BARIUM -                   | 0.76        | mg/l       | 1. | EPSW846    | 100.0 maxim         |
| CADMIUM                    | 0.52        | mg/l       | /  | EPSW846    | 1.0 maximum         |
| CHROMIUM                   | 0.97        | mg/l       | )  | EPSW846    | 5.0 maximum         |
| LEAD .                     | 740         | mg/l       | }  | EPSW846    | 5.0 maximum         |
| MERCURY                    | ND (0.02)   | mg/l       |    | EPSW846    | 0.2 maximum         |
| SELENIUM                   | ND (0.001)  | mg/l       | /  | EPSW846    | 1.0 maximum         |
| SILVER                     | 2.6         | mg/l       | /  | EPSW846    | 5.0 maximum         |
| pH, CORROSIVITY            | 6.2         | units      | •  | EPSW846    | 2.5 - 12.5          |
| *F, FLAMMABILITY           | 123         | · P        |    | EPSW846    | minimum 140         |
| REACTIVITY                 | NON REACTIV | E          |    | EPSW846    |                     |
| SPECIFIC GRAVITY           | 0.8832      |            |    | ASTM D-287 |                     |
|                            |             |            |    |            |                     |

# 11.C 5587-0014

used oil

Sample

COMPOSITION - OIL 100%.

Remarks:

SAMPLE EXCEEDS MAXIMUM ALLOWABLE LIMIT FOR LEAD OF 5 MG/L

13 Tests Performed

ND= None Detected

NA= Not Analyzed

\* See Special InstructionsAbove

\*\* See Sample Remarks Above

LT=Less Than, GT=Greater Than

#### **SEPTEMBER**

| print or type. (Form designed for use on enter (12-prior typewiner).  | PA ID No.  | Manifest                       | 2. Pa               | ige 1                | lafa                  |                        | the abaded escap   |
|---|--|--------------------------------|---------------------|----------------------|-----------------------|------------------------|--|
| UNIFORM HAZARDOUS CADE CADE 8   | 1, 6, 2, 7, 3, 8, 3 0°   |                                | of                  | 1                    | is not r              | equired                | he shaded areas<br>by Federal law.   |
| 3. Generator's Name and Mailing Address  Ion Systems  |  |                                | A. State            | Manife               | at Docum              | nent Num<br>アハコ        |  |
| 2541 10th St., Berkeley, CA 94710   |  |                                | B. State            | Gener                | itor's ID             | <u> </u>               | ୁଲ୍ଲାନ୍ଟର ଅନ୍ତେଶ ହେଉଁ ।<br>•ମିନ୍ନାନ୍ତ ଅନ୍ତେଶ । ୧୯୯୯<br>ମୁନ୍ଦ୍ର ୧୯୯୯ ମଧ୍ୟର ଅନ୍ତେଶ ।   |
| 4. Generator's Phone ( )  |  |                                |                     |                      |                       |                        | 0928   |
| 5. Transporter I Company Name 6.  Ion Systems 1   | US EPA ID Number   |                                |                     |                      | orter's li<br>s Phone |                        | -540-0446  |
| 7. Transporter 2 Company Name 8.  | US EPA ID Number   |                                |                     |                      | orter's II            |                        | in the second of |
| 1   |  |                                |                     |                      | s.Phone               |                        |  |
| Designated Facility Name and Site Address     Bay Area Environmenal   | US EPA ID Number   |                                | G. Stat             | e Facilit            | y's ID                | en spill               | Artica de la color |
| 1125 Bensley St.  |  |                                | H. Faci             | lity's Ph            | one                   | Davit vi               | ending to the property of the  |
|   | TO O S O D T A   |                                | 1.0 A 18            | 415                  | -233-                 | 8001                   |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard C  | lass, and ID Number)   | 12. Conta                      |                     |                      | Total<br>uantity      | 14.<br>Unit            | Waste No.  |
| ā.  |  | No.                            | Туре                |                      |                       | Wt/Vo                  | State 212  |
| Waste methylethyl Ketone, Fammasle  | IIN 1193   |                                | D.M                 |                      |                       | ج                      | EPA/Other DOO  |
|   |  | 091                            | 0,"                 |                      | 11                    | 4                      | 16 to 15 164   |
| b.  |  | 1                              | 1 1                 |                      |                       |                        | State of Walliam B   |
|   |  | 111                            |                     | 1.1                  | 1.1                   |                        | EPA/Other  |
| c.  |  |                                |                     |                      |                       |                        | State  |
|   |  | 1                              |                     |                      |                       |                        | EPA/Other  |
| d.  |  | +                              | +                   |                      |                       |                        | State  |
|   |  | İ                              |                     |                      |                       |                        | EPA/Other  |
| J. Additional Descriptions for Materials Listed Above   |  |                                |                     |                      | .11                   |                        | EFA/Outer  |
| 15. Special Handling Instructiona and Additional Information  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |                                |                     |                      |                       |                        |  |
| Store in cool area.   |  |                                |                     |                      | · <del></del>         |                        |  |
| GENERATOR'S CERTIFICATION: I hereby declare that the<br>name and are classified, packed, marked, and labeled, an<br>international and national government regulations.  If I am a large quantity generator, I certify that I have a pro | d are in all respects in prop  | er condition                   | for tran            | sport b              | y highwa              | ay acco                | rding to applicable  |
| determined to be economically practicable and that I have<br>me which minimizes the present and future threat to human<br>faith effort to minimize my waste generation and select the   | selected the practicable management is selected the practicable management in the environment of the selected | ethod of tre<br>t; OR, if I ar | atment,<br>n a smai | storage<br>Il quanti | , or disp<br>ty gener | oosal cu<br>rator, I h | rrently available to<br>lave made a good   |
| Printed/Typed Name  | Signature  |                                |                     |                      |                       |                        | Month Day Year   |
| 17. Transporter 1 Acknowledgement of Receipt of Materials   |  |                                |                     |                      |                       |                        |  |
| Printed / Typed Name  | Signature  | <del></del>                    | <del></del>         |                      |                       | i                      | Month Day Year   |
| THE TANKHEL   | - ful-   | 41.49                          | <u> </u>            | 1.6                  | ·. >                  | į, '                   |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name  | Signature  | <del></del>                    | <u>,</u>            | .:                   | - 14                  | /                      | Month Day Year   |
| CONTRACTOR OF SHORT   | Signature  | Wie.                           | 1                   |                      | M                     |                        | Month Day Year   |
| 19. Discrepancy Indication Space  |  |                                |                     | <i>.</i>             | j                     | <del>.</del>           |  |
| 20. Facility Owner or Operator Certification of receipt of hazardous  | materials covered by this man  | ifeat except                   | as noted            | in Item              | 19.                   |                        |  |
| Printed/Typed Name  | Signature 4  | .2                             | 1                   |                      |                       |                        | Month Day Year   |
| Grea Reed   | 23.469   | Need                           | X                   |                      |                       | :                      | 12171 19181  |
| 2 A (1/87)  |  |                                |                     |                      |                       |                        |  |

|                | 7   | INTEGRAL HAZARDOIS 1. Generator's US EPA ID No.  | . Ma                      | nifest       | , 2. Pa  | ge 1,     | Informati  | ion in th   | ne shaded areas     |
|----------------|-----|--|---------------------------|--------------|----------|-----------|------------|-------------|---------------------|
| K              |     | WASTE MANIFEST C. 4.0.7.8.1.1.6  | 3,3,48 DOCUM              | nent No      | 20       | 2         | is not re  | quired l    | by Federal law.     |
| 1              | 1   | Generator's Name and Mailing Address Clayton Environmental Consulta  | Inc.                      |              | A. State | Manife    | at Docume  | nt Numb     | oer<br>O            |
| -              |     | 1252 QUARRY LANE, PLEASAS  | TON OF                    | _            | B. State | Genera    | :44 _      |             | 1738                |
|                | ۱,  | 4. Generator's Phone (4/5) 421-2600  | 945                       | 13           | 41       | 4146      | 136        | -14         | 738-00              |
| 1              | · L | 5. Transporter 1 Company Name 6.   | US EPA ID Number          | 4 7 9        |          |           | orter's ID | 80          | 1464                |
| 1              |     | BAY AREA ENVIRONMENTALICIAT  | 10 8 10 0 1 14 1          | 071          |          |           | Phone (    | 115         | 233-8001            |
| ١              |     | 7. Transporter 2 Company Name 8.   |                           |              |          | sporter's |            | . 3 4 1     |                     |
|                | -   | 9. Designated Facility Name and Site Address 10.   | US EPA ID Number          |              | G. Stat  | e Facilit | y's ID     |             | Allen of the Market |
|                |     | Bay Area Environmental   |                           |              | 36       |           |            |             |                     |
|                |     | Bay Area Environmental U.25 Hensley Street Richmond, Ct 94801 ICIAIT   | 10,8,0,0,1,4,             | 0.7.9        | H. FEC   | lity's Ph | <br>133    | -8          | 001                 |
|                | ŀ   |  |                           | 12. Conta    | ners     | 13. 1     | Total      | 14.<br>Unit | I.<br>Waste No.     |
| ı              |     | 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and  | d ID Number)              | No.          | Туре     |           | uentity    | Wt/Vol      |                     |
| •              | ١   | · Waste Corrosive higher'd, N.O.S  | S., Comosive              |              |          | ,         | _          |             | State 791           |
| G<br>E         | ١   | material, UN 1760  |                           | I            | DIF      | 1 1       | 1515       | 6           | EPA/Other D007. D00 |
| E              | t   | " Waste Corrosive higuid, No   | O.S. Corro                |              |          |           |            |             | 342                 |
| R<br>A         | 1   | sive metalial district   |                           | 1            | DF       |           | 5.5        | 1           | EPA/Other           |
| 0              | -   | sive material, UN1760  |                           |              |          |           | レリ         | 6           | D007, D002          |
| R              |     |  |                           |              |          |           |            |             | EPA/Other           |
|                | L   |  |                           |              |          |           |            | <u> </u>    |                     |
|                |     | d.   |                           |              |          |           |            |             | State               |
|                |     |  |                           |              |          |           | 1 1        |             | EPA/Other           |
|                | t   | J. Additional Descriptions for Materials Listed Above  |                           |              | K. Har   |           |            | astes Li    | sted Above          |
|                |     | see Attached List  | E CONTRACT                |              | •        |           | •          |             |                     |
| ΄ [            |     | 362  |                           |              | C.       |           |            | d.          | ,                   |
| .              |     |  |                           |              |          |           |            |             |                     |
|                |     | 15. Special Handling Instructions and Additional Information   |                           |              |          |           |            |             |                     |
|                |     | wear protective clothing   |                           |              |          |           |            |             |                     |
|                |     |  |                           |              |          |           |            |             |                     |
| ۱ ا            | Ì   | 16. GENERATOR'S CERTIFICATION: I hereby declare that the content   | ate of this considerate   | ara fully ar | d accur  | rataly de | accibed :  | hove b      | v proper shipping   |
| .              |     | name and are classified, packed, marked, and labeled, and are in<br>international and national government regulations.               | n all respects in proper  | r condition  | for tran | asport b  | y highwa   | y accon     | ding to applicable  |
|                |     | If I am a large quantity generator, I certify that I have a program in   | place to reduce the v     | olume and    | toxicity | of wast   | le genera  | ted to t    | he degree I have    |
|                |     | determined to be economically practicable and that I have select<br>me which minimizes the present and future threat to human health | and the environment;      | OR, if I am  | a sma    | II quanti | ty genera  | itor, I hi  | eve made a good     |
|                |     | faith effort to minimize my waste generation and select the best wa  |                           | od that is a | Vailable | to me     | and that I | Can arr     |                     |
| , 4            | 7   | Printed/Typed Name D. BECK   | Signature                 | . (A)        | -Bl      | ch        |            |             | Month Day Year      |
| - <del>Y</del> |     | 17. Transporter 1 Acknowledgement of Receipt of Materials  | - Julian                  | 7/4          | 10       |           |            |             | 10//19/10/          |
| Ä              |     |  | Signature                 | 11           |          |           |            |             | Month Day Year      |
| P              |     | 18. Transporter 2 Acknowledgement of Receipt of Materials  | Done 1a                   | When         | 1        | 1         |            |             | 10191012817         |
| SPORTE         |     |  | Signature                 |              | ···      |           |            |             | Month Day Year      |
| E              |     |  |                           |              |          |           |            |             | 1 1 1 1 1           |
| F              |     | 19. Discrepancy Indication Space   |                           |              |          |           |            |             |                     |
| â              |     |  |                           |              |          |           |            |             |                     |
| ı              |     |  |                           | -            |          |           |            |             |                     |
| 1              |     | 20. Facility Owner or Operator Certification of receipt of hazardous materia   | is covered by this manife | st except    | s noted  | in Item   | 19.        |             |                     |
| Y              |     | Printed/Typed Name   | Signature                 |              |          |           |            |             | Month Day Year      |
| L_             |     |  |                           |              |          |           |            |             |                     |

IN ETTENCY OF SPILI

Sacramento, Calif

|  |   |   | 3 22                 | . 14                        | 160                   | 100             | quirea   | by Federal law.  |
|--|---|---|----------------------|-----------------------------|-----------------------|-----------------|--|--|
| 3. Generator's Name and Mailing Address<br>408-742-7661 Lockheed Rissi   | les and Space (   | īο.   | ^ S                  | e Maj                       | ) s                   | 3 U             | 59   |  |
| 8/513 1111 Cookbeed  | •   |   |                      |                             |                       |                 | <u> </u>   |  |
| Generator's Phone ( ) Sunnyvale, CA  | •   |   |                      |                             |                       |                 |  | -0005  |
| Transporter 1 Company Name 6.  | US EPA ID Number  | a 2 5                                       |                      |                             |                       |                 |  | 1627   |
|  | D 9 8 0 6 5 5   | 13 /2 /3                                    |                      |                             |                       |                 | . Nask A   | 263-7250   |
| Transporter 2 Company Name 8.  | US EPA ID Number  |   | £ 1/2° ~             |                             |                       |                 | - 12 (mg/  | **************************************   |
| Designated Facility Name and Site Address 10.  | US EPA ID Number  |   | G. Sta               | te Fa                       | cility's              | ID '            |  | Property Comments of the Comme |
| Bay Area Environmental   | : 1   |   | >7E C                | ADO                         | oop                   | 947             | 71   |  |
| 1125 Henley Street   | T. 0. 8. 0. 0. 1. 4   | 0.79  | H. Fac               | ility's                     | Phone                 | _00             | A CAL  | g.eg.s of se   |
| Richmond, CA 94804 C A   | 1,0,0,0,1,  |   | 1 - 11 - 1           |                             | 12.00                 | 1/ "            | teer# is   |  |
| . US DOT Description (Including Proper Shipping Name, Hazard Class   | , and ID Number)  | 12. Cont                                    |                      | 16                          | 3. Tota<br>Quan       |                 | 14.<br>Unit  | Waste No.  |
|  |   | No.   | Туре                 |                             |                       |                 | Wt/Vol   | State  |
| Waste flammable liquid, poisonous n.   |   | 001   | DM                   |                             | 5                     | •               | le l   | 343  |
| Flammable liquid, poisonous  | ON 1993   | 111   |                      | 1                           | 1 1                   | 1               |  | EPA/Other DOG  |
|  |   |   |                      |                             |                       |                 |  | State  |
|  |   |   |                      |                             |                       |                 |  | EPA/Other  |
|  |   |   |                      | 1                           | Ш                     |                 |  |  |
|  |   |   |                      |                             |                       |                 |  | State  |
|  |   | ١   | ١.                   | ١.                          |                       |                 |  | EPA/Other  |
|  |   |   |                      |                             |                       |                 | +  | State  |
|  |   |   |                      |                             |                       |                 |  |  |
|  |   | 1   | ١.                   | ١.                          | , ,                   |                 |  | EPA/Other  |
| Regulation of the state of the  | A Company of the second                                       |   |                      | ارداد دختی<br>د<br>سور دختی | mericani<br>Kanadahan |                 | d.   | Man 1960 Street  |
| 5 Special Handling Instructions and Additional Information   |   |   |                      |                             |                       |                 | The second secon |  |
| West glove, goodles and  | protective cit  | <b>Surus</b>                                |                      |                             | •                     |                 |  |  |
|  |   |   |                      |                             |                       | **              |  |  |
|  | -2  |   |                      |                             |                       |                 |  |  |
| <ul> <li>GENERATOR'S CERTIFICATION: I hereby declare that the co</li> </ul>  | entents of this consignmen                                    | t are fully a                               | ind accu             | rately                      | desc                  | ribed           | above b  | y proper shipping  |
| name and are classified, packed, marked, and labeled, and a international and national government regulations.   | re in all respects in prop                                    | er conditio                                 | n for tra            | nspor                       | t by h                | ighwa           | y accon  | ding to applicable   |
| If I am a large quantity generator, I certify that I have a progra   | m in place to reduce the                                      | volume and                                  | toxicity             | of w                        | aste (                | enera           | ited to t  | he degree I have   |
|  | looted the creaticable m                                      |   | taamtaa              |                             |                       |                 | osal cur   |  |
| determined to be economically practicable and that I have so<br>me which minimizes the present and future threat to human hi   |   | ethod of tre                                |                      |                             |                       |                 | ator, i hi   |  |
|  | ealth and the environment                                     | ethod of tro<br>; OR, if I a                | m a sma              | ill qua                     | intity                | gener           |  | ave made a good  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the besinted/Typed Name   | ealth and the environment<br>at waste management met          | ethod of tro<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | e to n                      | ntity<br>ne and       | general<br>that |  | ave made a good  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the best  | ealth and the environment<br>at waste management met          | ethod of tro<br>; OR, if I a                | m a sma<br>availabl  | e to n                      | ntity<br>ne and       | general<br>that |  | ave made a good<br>ord.  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the besinted/Typed Name  Jewest C., Sesver  Transporter 1 Acknowledgement of Receipt of Materials   | selth and the environment waste management met  Signature  Gr | ethod of tro<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | e to n                      | ntity<br>ne and       | general<br>that |  | Month Day Yea  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the bestinted/Typed Name  Japan C., Sesver  Transporter 1 Acknowledgement of Receipt of Materials inted/Typed Name  | salth and the environment it waste management met             | ethod of tre<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | all qua                     | ntity<br>ne and       | general<br>that |  | Month Day Yea  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the bestinted/Typed Name  James C. Sesver  Transporter 1 Acknowledgement of Receipt of Materials inted/Typed Name  Mike Adams   | salth and the environment it waste management met             | ethod of tro<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | all qua                     | ntity<br>ne and       | general<br>that |  | Month Day Yea  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the besinted/Typed Name  Jeann C., Server  Transporter 1 Acknowledgement of Receipt of Materials inted/Typed Name  Mike Adams  Transporter 2 Acknowledgement of Receipt of Materials  | salth and the environment it waste management met             | ethod of tre<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | all qua                     | ntity<br>ne and       | general<br>that |  | Month Day Year Month Day Year Month Day Year   |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the best inted/Typed Name  James C., Sesver  7. Transporter 1 Acknowledgement of Receipt of Materials inted/Typed Name  Mike Adams  3. Transporter 2 Acknowledgement of Receipt of Materials inted/Typed Name   | Signature  Signature  | ethod of tre<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | all qua                     | ntity<br>ne and       | general<br>that |  | Month Day Year Of 1 / S  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the best inted/Typed Name  Transporter 1 Acknowledgement of Receipt of Materials inted/Typed Name  Mike Adams  Transporter 2 Acknowledgement of Receipt of Materials inted/Typed Name  Carar Do V Carcia  | Signature  Signature  | ethod of tre<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | all qua                     | ntity<br>ne and       | general<br>that |  | Month Day Year Month Day Year Month Day Year   |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the best minted/Typed Name  James C. Sesser  7. Transporter 1 Acknowledgement of Receipt of Materials minted/Typed Name  Mike Adams  B. Transporter 2 Acknowledgement of Receipt of Materials minted/Typed Name  Court Cour | Signature  Signature  | ethod of tre<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | all qua                     | ntity<br>ne and       | general<br>that |  | Month Day Year Of 1 / S  |
| me which minimizes the present and future threat to human he faith effort to minimize my waste generation and select the best rinted/Typed Name  James C., Server  7. Transporter 1 Acknowledgement of Receipt of Materials rinted/Typed Name  Mike Adams  8. Transporter 2 Acknowledgement of Receipt of Materials rinted/Typed Name  Control  Control  Control  Control  | Signature  Signature  | ethod of tre<br>; OR, if I a<br>hod that is | m a sma<br>availabl  | all qua                     | ntity<br>ne and       | general<br>that |  | Month Day Year Of 1 / S  |
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CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

|           | FOT CUSTOMER NAME: COCK h   | eed          | 51          |
|-----------|---|--------------|-------------|
| CAL       | IFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #_                           |              |             |
|           | GENERATOR EPA ID # C A D 9  | 8/6/26       | , 29        |
| DATE 8-   | 19-87 P.S.N. Florimable   | Liquid, NOS  | UN 19       |
| DRUM # 51 |   | QUANT.& SIZE | ADDITION    |
|           |   |              | 59          |
|           | Waste Flammable Liquids Methyl -<br>Ethyl-Keyton, Isopropyl Alcohold. |              |             |
|           |   |              |             |
|           |   |              |             |
| No.       |   |              |             |
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| WASTE MANIFEST   | Document No.  | of   | is not r  | equired  | by Federal law.  |
|--|---|--|---|--|--|
| 3. Generator's Name and Mailing Address  | + <del>3 +} \</del> -   | A. State   | Manifest Docum  |  |  |
| 409-742-7661 Lockheed Missiles and Space   | Cr.   | 0  | 12980   | <u> 38</u>                                     | ক্ষেত্ৰ<br>ভোগ হাজে জন্ম   |
| 8/591 1111 Lockheed Way 8/535 0  |   | B. State   | Generator's ID  |  | and sale of s  |
| 4. Generator's Phone ( ) Supported PA 94086 7504   | 37 <b>T</b> C   |  | lub helo  |  | Lakel  |
| 5. Transporter Company Name 6. US EPA ID Number  | er  | C. State   | Transporter a l   |  | 1679   |
| IT San Jose Services     C  &  0  9 8 0 8 8  |   | 1 7 7 7  | porter's Phone  | 402-   | 262-7250   |
| 7. Transporter 2 Company Name 6. US EPA ID Number  | er  |  | Transporter's !   | . 3 . W. 1505                                  | ফুললা <b>ন্ত</b> া লাক ১৯১   |
|  |   | F. Trans   | porter's Phone  | 100100   | earollation of me  |
| 9. Designated Facility Name and Site Address 10. US EPA ID Number  | er  | G. State   | Facility's ID   | 255 Feb 229                                    | SUBL RIP II  |
| Bay Area Environmental   |   | d:A  | hobobaha  | 71   | 30 30 60   |
| 1125 Henley Street   |   | H. Facili  | ly's Phone  | en jara  | - nan spinoiri   |
| Richmond, CA 94804   C A T 0 8 0 0 1   |   |  | 5-233-80  | กเ   |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   | 12. Conta   | ainers   | 13. Total<br>Quantity   | 14.<br>Unit                                    | Waste No.  |
| 11. do por pascription (monathy, roper company remo; razza o acco, and o venings)  | No.   | Туре   |   | Wt/Vol   | gradient et a  |
| <b>a.</b>  |   |  |   |  | State  |
| Waste Flammable Liquid n.o.e.  | 001   | DH   | 20  | 6  | EPA/Other 34   |
| Flammable liquid Hi 1997   |   |  |   |  | noc  |
| 9  | i   | 1  |   |  | State  |
| Hezardous Weste Solid, n.o.s. ORM E NA 9189  | 002   | 6.9  | 80  | P  | EPA/Other 513  |
|  |   |  |   |  | Pyani  |
|  |   |  |   |  | State  |
| Waste Flammable Liquid, poisonous n.o.s. Lab Paci  | k 001   | ្រុង   | 250   | r  | EPA/Other 33.  |
| Flammable Liquid, Poisonous UH 1992  |   |  |   |  | 000  |
| 1.   |   |  |   |  | State  |
|  | '   |  |   | -  | EPA/Other  |
|  | 111   | 111  | 1 1 1 1   |  | El Al Other  |
|  |   |  |   |  |  |
| C. See attached list   | را<br>دا المنظور والمتوافقة   | J.,  | ر.<br>بلغا چېرومهام سيمرشميو د درو  |  |  |
| 15. Special Handling Instructions and Additional Information   | American a desire   | -  |   |  |  |
| 15. Special Handling Instructions and Additional Information  Ween glove, gengless and protective c.  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignance and are classified, packed, marked, and labeled, and are in all respects in printernational and national government regulations.  | ment are fully a  | for trans  | tely described  | above b  | y proper shipping  |
| 16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignant name and are classified, packed, marked, and labeled, and are in all respects in printernational and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the determined to be economically practicable and that I have selected the practicable me which minimizes the present and future threat to human health and the environment faith effort to minimize my waste generation and select the best waste management in   | ment are fully a<br>proper condition<br>the volume and<br>prethod of tree<br>tent; OR, if I ar  | for trans  toxicity of toxicit | tely described<br>port by highw<br>of waste gener<br>torage, or disp<br>quantity gene | above b<br>ay accor<br>ated to tr<br>posal cur | y proper shipping<br>ding to applicable<br>the degree I have<br>rently available to<br>ave made a good<br>ord.   |
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for customer NAME: Lockherd Missles & space Co. CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #\_\_\_ GENERATOR EPA ID # C A D 9 8 1. 6 2 8 8 2 9 DATE: 08-17-87 P.S.N.: Flowing ble Liquid, N.O.S. UN 1993 DRUM # CHEMICAL NAME QUANT. & SIZE ADDITIONAL I

SH-2-081787 haste Coolant / Cylinghame Glycol 1x55gal/2009. P.D. #2080

FOT CUSTOMER NAME: LOCKNEED BLG 591 CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST # GENERATOR EPA ID # CAD 98 6 P.S.N.: HAZ-WASTE SOLID NOS DATE: 9-10-87 QUANT.& SIZE DRUM # CHEMICAL NAME ADDITIONAL 1-4-9-10-87 MT 4C FREW JAKE TES VENDOR RETURN 1x55 17-4E -5-9-16-87 1x55 17-E and the second ...

| <br>       | A              | TTACHED LIST IT JOB # :                            | 150/04 PAG                              | EOF                  |
|------------|----------------|--|---|----------------------|
| H. L       | <b>ッ</b> /     | FOT CUSTOMER NAME: Lockh                           |   |                      |
| JAK)       | CAT            | IFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #         | 87298065                                | i-s                  |
|            |                | GENERATOR EPA ID # C A D 9                         | 8/628                                   |                      |
| - <u>-</u> | -2-            | 7-87 P.S.N.: Flammable Ca                          | ruid, Poisonous, N                      | 105. UN 1992         |
|            | 591            |  | QUANT.& SIZE                            | ADDITIONAL INFO      |
| 218°       |                | CONTENTS LESS THAN 1% MEK, 19A, Flammoble Solvents | 2 ×5 gal.                               | Empty<br>Salety Cans |
|            | <del>/</del> - | GIEME ALPOSOL                                      | 10 × 1 /6.                              | Virgin               |
|            |                | Claire Stul Polish & Clarer Ancsol                 | 3 × 1/6 203                             | Virgin Jammasic      |
| _          |                | Claire Bathroom Clainer Acrosol                    | 3 x 16 303                              | Virgin po<br>Product |
|            |                | Plant form a total                                 | , | 7.521021             |
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| UNIFORM HAZARDOUS  WASTE MANIFEST  1. Generator's US EPA ID No.  | - les les le   | Document N   |  | of  |                                      |  |  | n the shaded and by Federal   |
|--|--|--|--|---|--------------------------------------|--|--|---|
| 3. Generator's Name and Mailing Address  | 15 R1 R1 F   | re re ke Ka  | 13   |   |                                      |  | ument N  |   |
| 400-742-7661 Lockheed Kissiles   | and Spa  | ce (a.   |  |   |                                      |  | 064  |   |
| Barge 1111 Lockheed Way  | •  |  | 0  | B. State  | Gene                                 | erator's   | iD   |   |
| 4. Generator's Prone ( ) Superior value, CA Ga   |  |  |  | 0.00  | 1 114                                | ı hel  | obsk   | sh-holel  |
| 5. Transporter 1 Company Name 6.   | US EPA ID Nu   |  |  | D. Trans  |                                      | ahorrár  | S ID Car   |   |
| 1T Can lose Services Class 8.  | US EPA ID Nu   |  | "i   | E. State  |                                      |  | - 41   | R - 763-72  |
| 7. Hansporter 2 company wante  |  |  | ,  | F. Trans  | 1,0514                               | E CONTRACTOR OF  |  |   |
| 9. Designated Facility Name and Site Address 10.   | US EPA ID Nu   | mber   |  | G. State  |                                      |  |  | restate to your n   |
| Bay Aren Environmental   |  |  |  | 7.00  | hal                                  | pobal  | 771  |   |
| 1125 Henley Street   |  |  |  | H. Facil  | ity's f                              | hone   | eren er er er  | gagania.  |
| •  | 0 8 0 0  | 3 14 10 12   | jets.  | Brail Mar   | n i                                  | 233-1  | 1001   | المراجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة ا<br>المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة المواجعة الم  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and  | I ID Number)   | 12.  | Conta  | iners   | 13                                   | . Total<br>Quantity  | y Ur   |   |
|  |  | No   | ).   | Туре  |                                      |  | Wt/  |   |
| a.   |  |  |  |   |                                      |  |  | State   |
| Weste Poisonous Liquid, n.o.s.   | ~~.  | 00   | 6  | DH  |                                      | 330  | .   G  | EPA/Other   |
| Paison B BM  | 2810   |  |  |   |                                      |  | -  | State   |
| Hazardous Weste Solid n.e.s. ONN E   | NA 9189  | 00   | 4  | CM.   |                                      | 160  |  | Calabara S  |
| mazar notas wante notito n. a.s. ota g   | כפגכ אזו   | 1.10   | ۳<br>ا   | DH  | ı                                    | 180<br>1   | , P  | EPA/Other   |
| c.   |  |  |  |   |                                      |  |  | State   |
|  |  |  |  |   |                                      |  |  | EPA/Other   |
|  |  |  | _11  |   |                                      | 1 1  |  | C. A. C.I.IC.   |
| d  |  |  |  |   |                                      |  |  | State   |
|  |  |  |  |   |                                      |  |  | EPA/Other   |
|  |  |  | _  |   |                                      |  |  | 1   |
| J. Additional Descriptions for Materials Listed Above A. See attached 11st 2000 11st 2 | 7. K   | See See  | oden.<br>Wide<br>Wide<br>Wide<br>Wide<br>Wide<br>Wide<br>Wide<br>Wide  | K. Han  | dling.                               | Codea fo   |  |   |
| A Comment of the Comm |  |  | Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Colora<br>Co | K. Han  | dling.                               | Codea fo   |  | a Listed Above  |
| A PORT OF THE PROPERTY OF THE PARTY OF THE PROPERTY OF THE PRO | - Lune   | Annual Control of the | - American   | K. Han  | dling.                               | Codea for  |  |   |
| 15. Special Handling instructions and Additional Information   | is of this consi   | gnment are fin proper conce the volume   | ally ardition  | nd accurrent for tran   | ately<br>sport<br>of wa              | describ<br>by high   | ed above   | e by proper shi<br>cording to appli<br>o the degree i<br>currently avails   |
| 15. Special Handling instructions and Additional Information  **Fat glave, gaygles and pro  16.  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selected me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was   | ts of this consi<br>all respects in  | gnment are for proper conce the volume tible method comment; OR, i   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to appl<br>o the degree I<br>currently availa<br>I have made a   |
| 15. Special Handling instructions and Additional Information  WEAT GIGUE, GONGGIES and pro  16.  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  | ts of this consi<br>all respects in<br>place to reduce<br>the practical<br>and the environment of the management   | gnment are for proper conce the volume tible method comment; OR, i   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to appl<br>o the degree i<br>currently availa<br>I have made a<br>afford.  |
| 15. Special Handling instructions and Additional Information  West glave, gaughes and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  Printed/Typed Name  | ts of this consi<br>all respects in<br>place to reduce<br>the practical<br>and the environment of the management   | gnment are for proper conce the volume able method continuent; OR, int method that   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to appl<br>o the degree i<br>currently availa<br>I have made a<br>afford.  |
| 15. Special Handling instructions and Additional Information  Wear glave, gaggles and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  Printed/Typed Name  Si  17. Transporter 1 Acknowledgement of Receipt of Materials   | ts of this consi<br>all respects in<br>place to reduce<br>the practical<br>and the environment of the management   | gnment are for proper conce the volume able method continuent; OR, int method that   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to appl<br>o the degree i<br>currently availa<br>I have made a<br>afford.  |
| 15. Special Handling instructions and Additional Information Wear glave, gaugles and pro  16.  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  Printed/Typed Name  Si  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si   | ts of this consist all respects in place to reduce the practical and the environment of the management ignature  | gnment are for proper conce the volume able method continuent; OR, int method that   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to applion the degree is<br>currently availated have made a<br>afford.   |
| 15. Special Handling instructions and Additional Information  Wear glave, gaugles and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was Printed/Typed Name  Signature: Signature   | is of this consist all respects in place to reduce and the environment of the management of the practical and the environment of the management of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the  | gnment are for proper conce the volume able method continuent; OR, int method that   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to applion the degree is<br>currently available have made a<br>afford.  Month Day  Month Day   |
| 15. Special Handling instructions and Additional Information  Wear glave, gaugles and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was Printed/Typed Name  Si  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si  16. Transporter 2 Acknowledgement of Receipt of Materials   | ts of this consist all respects in place to reduce the practical and the environment of the management ignature  | gnment are for proper conce the volume able method continuent; OR, int method that   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to applion the degree is<br>currently availated have made a<br>afford.   |
| 15. Special Handling instructions and Additional Information  Wear glave, gagles and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  Printed/Typed Name  Si  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si  16. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si   | is of this consist all respects in place to reduce and the environment of the management of the practical and the environment of the management of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the  | gnment are for proper conce the volume able method continuent; OR, int method that   | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shicording to application of the degree is currently available have made a afford.  Month Dames Month |
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| 15. Special Handling instructions and Additional Information  Wear glave, gagles and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  Printed/Typed Name  Si  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si  16. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si   | is of this consist all respects in place to reduce and the environment of the management of the practical and the environment of the management of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the  | gnment are for proper conce the volume able method content; OR, int method that  | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to applion the degree is<br>currently available have made a<br>afford.  Month Day  Month Day   |
| 15. Special Handling instructions and Additional Information  Wear glave, gagles and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  Printed/Typed Name  Si  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si  16. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si   | is of this consist all respects in place to reduce and the environment of the management of the practical and the environment of the management of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the environment of the practical and the  | gnment are for proper conce the volume able method content; OR, int method that  | ally ardition  | d accurator tran  | ately<br>sport<br>of wastoraci       | describ<br>by high<br>siste gen<br>ge, or contity ge                 | ed abovement and the state of t | e by proper shi<br>cording to applion the degree is<br>currently available have made a<br>afford.  Month Day  Month Day   |
| 15. Special Handling instructions and Additional Information  Wear glave, gagles and pro  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in determined to be economically practicable and that I have selecte me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best was  Printed/Typed Name  Si  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si  16. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Si   | ts of this consist all respects in place to reduce the practical and the environment of the management of the practical and the environment of the managemen | gnment are fin proper conce the volume able method that the comment; OR, in the method that the comment is a second control of the comment.  | ully ardition and of tree f I am at is a   | d accurrent for transtant, in a small variable                  | ately sport of wastoraci quast to me | describ<br>by high<br>siste gen<br>ge, or c<br>ntity gen<br>e and th | ed abovement and the state of t | e by proper shi<br>cording to applion the degree is<br>currently available have made a<br>afford.  Month Day  Month Day   |
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# for lockhad Missles & Space Co.

CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #\_\_\_\_\_\_\_

| ·            | · GZ          | NERATOR EPA ID # | CADT                                    | 18 1 7 8       | 8 6 0 8 4.       |
|--------------|---------------|------------------|---|----------------|------------------|
| DATE 9- 10   | 16-87         | . SH II          | TOMER NAME POISON                       | rous Liquid, A | 1.0.5. U.H. 2810 |
| DRUM # 886   | 8 - <b>95</b> | CHEMICAL         |   | QUANT.& SI     |                  |
|              | 1             | liquid, see Ha   |   | 1×55           |                  |
| _            | #2\$#         | ± 4              |   |                |                  |
|              |               |                  |   | ·              |                  |
| 3-3-091487   |               | Liquid, See Ha   | 3 Cat Result                            | 1×55           | · Combustible    |
|              | # 3.          |                  |   |                |                  |
| •            |               |                  |   |                |                  |
| 2-5-091687   | 1 Kinknows    | Liquid, See Haz  | Cat Result                              | 1855           | Combustible      |
|              | #4 4          | #5               |   |                | •                |
| 10.40.00     |               | 2 4              | 1 10 1                                  |                |                  |
| 3-6-09168    | 1 /m Know M   | 1 liquid, Sec    | Hazcat Result                           | 1 1 1 5 5      | Combustible      |
|              | #6            |                  |   |                | -                |
| 32-7-091687  | 1.6           | 1. 0. 1. 1       | 1/2 1 Par 14                            | 1/255          | Com busto 21e    |
|              | H 7           | Ligury, Bee 11   | Hazdal Result                           | 1 //33         |                  |
|              | 77 /          |                  |   |                |                  |
| 39,-8-09108) | ) /mKaroto    | 1/15 wid 5ec     | Hazcat Result                           | 1 1455         | Combast 16/4     |
|              | #8            | <u> </u>         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                | ·                |
|              |               |                  |   |                |                  |
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H

## FOI Lockheed Mrsshes & space Co

CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #\_\_\_

| •                                       | GENERATOR EPA ID # C A D 9                | 8198                  | 084               |
|---|---|-----------------------|-------------------|
| 1.TE 9-16                               | SHIPPING NAME Hazarbou                    | s wester Sold, N.O.S. | DEA. 9189, ORIN-E |
| DRUM # 88                               |   | QUANT.& SIZE          | ADDITIONAL INF    |
|   | M.T. Drum: Last contained unknown Lizard. | 1 ×55                 | M.T. Drum         |
|   | Sue Haz Cut Result # 3                    |                       |                   |
|   | ·   |                       |                   |
| 2-4-091687                              | M.T. Drum: Last Contained luknown Liquid  | 1155                  | 1917. Drawn       |
|   | See Haz Cat Rusult # 4.                   |                       |                   |
|   |   |                       |                   |
| 8-9-091687                              | MT, Drum: Last Contained Unknown Ligurd.  | 1455                  | M.T. Dru          |
|   | See Haz Cail Riesult # 2                  |                       |                   |
|   |   | ••                    |                   |
| £ 10-051487                             | M. T. Drum: last Confarmed beknown lizard | 1455                  | my. Drun          |
|   | See Haz Cat Result # 7                    |                       |                   |
| _                                       |   |                       |                   |
|   |   | • .                   |                   |
| -                                       |   |                       |                   |
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|   |   | İ                     |                   |

| JCEL                              |                                       |   |  |                                 |                                     |                                    |  |                               |   |    |          | ı  | <b>-</b>  | C         |
|-----------------------------------|---------------------------------------|---|--|---------------------------------|-------------------------------------|------------------------------------|--|-------------------------------|---|----|----------|----|-----------|-----------|
| #<br>BSERVATION<br>DTES           | Black &<br>Gren,<br>2-plase<br>ligued | 2<br>Sphase<br>Wyseline<br>on The<br>Boston | 3<br>Singly<br>Popose,<br>Brocksh<br>Brown | a grass                         | 2 phast<br>orilky<br>white<br>czuio | 2 phase<br>Clear<br>Lizuels        | Brockish<br>Brown<br>Brown               | Brackish<br>Cight<br>Brown    | y | .1 | 12       | 13 | DDRESS    | TOMER LOC |
| CHLORINATED                       | N                                     | N   | N.   | N                               | N                                   | N                                  | N  | N                             | · |    |          | ·  |           | Cockheed  |
| a<br>LAMMABILITY<br>L-3A % of LEL |                                       |   |  |                                 |                                     |                                    |  |                               |   |    | <i>'</i> |    |           | R.S.      |
| .b<br>Ombustibility               | C                                     | C   | C  | C                               | N                                   | Ø.                                 | C  | C                             |   |    |          |    |           | Maine     |
| .c<br>PECIFIC GRAVITY<br>20 1 1   | +                                     | 1   | 1  | 7                               | _                                   | 4                                  | 1  | 1                             |   |    |          |    |           | <b>Z</b>  |
| 20 11<br>d<br>20 REACTIVITY       | N                                     | N   | N  | N                               | N                                   | N                                  | N  | N                             |   | -  |          |    |           | 12.77     |
| .e<br><sub>2</sub> O SOLUBILITY   | Pairal                                | Patrol                                      | N  | Patral                          | Partial                             | Patal                              | N  | N                             |   |    |          |    | -         | 3         |
| .f<br>H                           | 7                                     | 6   | 5.5  | 5.5                             | 7                                   | 6                                  | 7  | 6                             | / |    |          |    |           |           |
| ·g<br>Xidant                      | Λl                                    | N   | ~  | 7                               | N                                   | N                                  |  | -                             | 7 |    |          |    |           |           |
| .h<br>Yanide<br>Etection          | N                                     | N   | N  | 7                               | 7                                   | N                                  | N  | N                             |   |    | ·        |    | PREPAR    | E         |
| .i<br>ULFIDES                     | N                                     | M   | N  | 7                               | V.                                  | N                                  | N  | ۸l                            |   |    |          |    | RED BY    | DATE C    |
| RESULTS: PSN & CATEGORY           | Couse 18/10 / Ligurd 1                | Cobulible Cognity                           | Combastille<br>Lizuio<br>14.0.5            | Consultiff<br>Ligurid<br>N.O.S. | 803000<br>Lizuid<br>K.045<br>Rossor | Corporting<br>17.0.5<br>Corporting | 60522.<br>48.2.<br>(2020)<br>Compression | Cowholity<br>Comid,<br>N-0.5. |   |    | ·        |    | M. Actams | 09-14-87  |

| UNIFORM HAZARDOUS TO GENERAL TO SERVICE NO.  | Document No  |                        |   |                                  | he shaded areas<br>by Federal law.  |
|--|--|------------------------|---|----------------------------------|---|
| 3. Generator's Name and Mailing Address  |  | A. Sta                 | te Manifest Docur                                       | ment Num                         | ber 3 2 mm  |
| 408 747-7661 Lockheed Missiles and   |  | <u> </u>               | 12300   | bU                               | Transport of the second   |
| B/521 1111 Lockheed Way B/5  |  |                        | te Generator's ID                                       | N -5                             |   |
| 4. Generator's Phone ( ) Sunnyvale, CA 94098-1   |  |                        | Y   HO 36   O   |                                  |   |
| o. Hallopotto  | A ID Number  |                        | nsporter's Phone  | 4//0                             | 7/2 2 9<br>263-7250   |
|  | Number   | -                      |   |                                  | 20377230 50<br>2010 10 10 10 10 10 10 10 10 10 10 10 10   |
| 7. Transporter 2 Company Name 8. US EPA  | N ID Humber  |                        | nsporter's Phone  | Mark Mark                        |   |
| 9. Designated Facility Name and Site Address 10. US EPA  | A ID Number  |                        | te Facility's ID  |                                  |   |
| Bay Area Environmental   | TID Wallington   |                        | <b>አ</b> ቀርቀርቀንፋን                                       |                                  | Salar I de la lace  |
| 1)25 Henley Street   |  |                        | ility's Phone   |                                  | SECTION OF SECTIONS   |
|  | 0 0 1 14 0 7   | 9 4                    | 15-233-80   |                                  | EU Trans.   |
|  | 12. C  | ontainers              | 13. Total   | 14.                              | The late of the second  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number 11.  | ner) No.   | Туре                   | Quantity  | Unit<br>Wt/Vo                    | Waste No.   |
| a.   |  |                        |   |                                  | State   |
| Waste Poisonous Liquid, n.o.s.   | 002  | . DM                   | 75  | 6                                | EPA/Other   |
| Frason B UN 2810   |  |                        | 1 1 1 1   |                                  | 1.00d   |
| <b>b</b> .   |  |                        |   |                                  | State   |
| Hazardoon Waste Solid ORM E HA 9183  | 003  | ! DH                   | 80  | P                                | EPA/Other   |
| · · · · · · · · · · · · · · · · · · ·  |  |                        |   |                                  | exempt  |
| c.   |  |                        |   |                                  | State   |
| <b>*</b>   |  |                        |   |                                  | EPA/Other   |
|  |  |                        |   |                                  |   |
| d.   |  |                        |   |                                  | State   |
|  |  |                        |   |                                  | EPA/Other   |
| J. Additional Descriptions for Materials Listed Above  | the state of the s |                        | ndling Codes for V                                      |                                  |   |
| A CONTRACTOR AND A CONT | gyayalik dalah di sebesahan<br>garangan dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah<br>garangan dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah dalah  | C.                     | o   | d.                               | Naka (n. 海海駅 ロード fill year)<br>Original Committee (n. h. c |
| 16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this name and are classified, packed, marked, and labeled, and are in all respinternational and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to determined to be economically practicable and that I have selected the prime which minimizes the present and future threat to human health and the   | consignment are full<br>ects in proper condi   | y and acculion for tra | nsport by highway<br>of waste gener<br>storage, or disp | ay accordated to to too sail cur | ding to applicable he degree I have rently available to   |
| Printed/Typed Name  James C. Signature   | agement method that  | 11                     | e to me and that  | I can aff                        | Month Day Year  |
|  | 700  | <u>.</u>               | 1, 1  |                                  | 1/21-21-221-1-1-1-1   |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  | /  |                        |   |                                  | 7 7 7 7   |
| The state of the s |  |                        |   |                                  | Houth Day Year  |
| Printed/Typed Name Signature   | 1.11   |                        |   |                                  | Month Day Year  |
|  | 14/1/10  | A                      | mark  |                                  | Month Day Year  |
| Printed/Typed Name // // // // Signature Signature   | Defila (   | A                      | and the   |                                  |   |
| Printed/Typed Name Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  | Mipla .  | A.                     | el a ci   |                                  | DISIZIAISIZ   |
| Printed/Typed Name Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  | mordo  | A<br>V                 | Jacon   | •                                | DISIZIAISIQ   |
| Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  19. Discrepancy Indication Space   | d by this manifest exce  | opt as noted           | Jacobs In Item 19.                                      | <b>*</b>                         | DISIZIAISIQ   |
| Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  19. Discrepancy Indication Space  20. Facility Owner or Operator Certification of receipt of hazardous materials covered Printed/Typed Name  Signature   | <del></del>  |                        | In Item 19.   | •                                | 15181VIAISTO  |
| Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  19. Discrepancy Indication Space   | by this manifest excel   |                        | lin Item 19.  | •                                | Month Day Year<br>Gコントタフ  |

|                                       |  | -                                       |                 |
|---------------------------------------|--|---|-----------------|
|                                       | for customer name: lockl                   | wed Missle- & Sp                        | race Co         |
| CAL                                   | IFORNIA UNIFORM HAZARDOUS WASTE MANIFEST # | , |                 |
|                                       | GENERATOR EPA ID # C A D 9                 | 18/16/9/4                               | 1 5 9 9         |
| DATE: 7-21-                           | 87 P.S.N.: Hazardous                       | waste Solid, No                         | S. N.A. 9/87, 8 |
| DRUM #                                | CHEMICAL NAME                              | QUANT.& SIZE                            | ADDITIONAL IN   |
| 1-344-072187                          | Empty Drums                                | 2 x55gal.                               |                 |
|                                       |  |   |                 |
| _                                     |  |   |                 |
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| -                                     |  | <u> </u>                                |                 |
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|                                       |  |   |                 |

for customer NAME: Cockheed - BID 521 CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #\_\_\_ GENERATOR EPA ID # C A D Poromono Lizuid, N.O.S.
QUANT. & SIZE UN 2810 DRUM # B19 521 CHEMICAL NAME ADDITIONAL 1455 1-686587 (See Haz Cat Results) Unknown Ciquid (Suce Has Cat Results 1×55 1-091787 (Combustibly)

| TEST / "10   | w! Lig   | 2.7.0    |   |   |   |   |   |   |   |    |    |    | i  | *:          | $\sim$          | ķ             |
|--|--|----------|---|---|---|---|---|---|---|----|----|----|----|-------------|-----------------|---------------|
| 0  | 1  | 2        | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | ĮĞ.         | S               |               |
| OBSERVATION<br>NOTES                                   | of ABT<br>sphool<br>ciaused<br>growns<br>white |          |   |   |   |   |   |   |   |    |    |    |    | 2           | STONER Lockhood | A CORLOKWITON |
| 3. CHLORINATED   | 1,1  |          |   |   |   |   |   |   |   |    |    |    |    | had         | has             | 7.            |
| 3.a<br>FLAMMABILITY<br>GX-3A % of LEL                  | 3% (EL   |          |   |   |   |   |   |   |   |    |    |    |    | 9           | 0               | 2             |
| 3.b<br>COMBUSTIBILITY                                  | P  |          |   |   |   |   |   |   |   |    |    |    |    |             |                 |               |
| 3.c<br>SPECIFIC GRAVITY<br>H <sub>2</sub> O † 1<br>3.d | Brown 1 Phase                                  |          |   |   |   |   |   |   |   |    |    |    |    |             |                 |               |
| 1120 REACTIVITY  | V  |          |   |   |   |   |   |   |   |    |    |    |    | S CO        |                 |               |
| 3.e<br>H <sub>2</sub> O SOLUBILITY                     | Partral  |          |   |   |   |   |   |   |   |    |    |    |    |             |                 |               |
| 3.f<br>PII   | 6  |          |   |   |   |   |   |   |   |    |    |    |    |             |                 |               |
| 3.g<br>OXIDANT   | N  | ·        |   |   |   |   |   |   |   |    |    |    |    |             |                 |               |
| 3.h<br>CYANIDE<br>DETECTION                            | N  |          |   |   |   |   | • |   |   |    |    |    |    | PREPARED BY | U               |               |
| 3.1<br>SULFIDES  | N  |          |   |   |   |   |   |   |   |    |    |    |    | ED BY       | DATE            |               |
| RESULTS: PSN & CATEGORY                                | P.L. No.s                                      |          |   |   |   |   |   |   |   |    |    |    |    | Mr. Adam    | 9-17-8          |               |
|  |  | <u>.</u> |   |   |   |   |   |   |   |    |    |    |    | \$          | 7               |               |

| UNIFORM HAZARDOUS 1. Ge   | nerator's US EPA ID No.                  | Manifest         | 2. Page                        | Information      | in the shaded ar    |
|---|--|------------------|--------------------------------|------------------|---------------------|
| WASTE MANIFEST CIE  | 40,9,8,2,0,2,6,6,6                       | Document No.     | of ;                           | 1                | red by Federal la   |
| 3. Generator's Name and Mailing Address   |  | <u>. I I I</u>   | A. State Ma                    | nifest Document  | Number              |
| ion systems inc.  |  |                  | 37                             | 04163            |                     |
| 254) Juin Street, denkeley, CA is   | 74/1U                                    |                  | B. State Ge                    | nerator's ID     |                     |
| 4. Generator's Phone ( )  |  |                  | HIAIH                          | 101316101        | 2 9 9 2 3           |
| 5. Transporter I Company Name   | 6. US EPA ID Numbe                       | r                | C. State Tra                   | insporter's ID 2 | ent                 |
| Ion Systems Inc.  | I É A É M Pi Ti i                        |                  | D. Transpor                    |                  | 5-240-0446          |
| 7. Transporter 2 Company Name   | 1 4 4 1 1 P 1 1 1 8. US EPA ID Numbe     | r                | E. State Tra                   | insporter's ID   |                     |
|   |  |                  | F. Transpor                    | ter's Phone      |                     |
| 9. Designated Facility Name and Site Address  | 10. US EPA ID Numbe                      | <u> </u>         | G. State Fa                    |                  |                     |
| Bay Area Environmental  |  |                  | 1 1                            | 1 1 1 1 1        |                     |
| 1125 Herisley Street  |  |                  | H. Facility's                  | Phone            |                     |
| Richmond, CA 34801  | 1 C1 A1 71 J1810 1011                    | 4 5 7 9          |                                | 15-233-80        | ากา                 |
| Restord, or stor  | 10 11 0 0 0 0 2                          | 12. Conta        | iners 1                        |                  | 14. 1.              |
| 11. US DOT Description (Including Proper Shipping N   | ame, Hazard Class, and ID Number)        |                  |                                | Quantity L       | Init Waste N        |
| 8.  |  | No.              | Туре                           | W                | State 31:3          |
| a.  |  |                  |                                |                  | State 212           |
| when with depart Autom Thomas is  | 180 1102                                 | 1                | D <sub>1</sub> Fq <sub>1</sub> |                  | G EPA/Other D       |
| waste netryletnyl ketone flamable   | UN 1153                                  | 111              | 4'1                            |                  |                     |
| b.  |  |                  |                                | ļ                | State               |
|   |  |                  |                                | -                | EPA/Other           |
|   |  |                  |                                |                  |                     |
| c.  |  |                  |                                | İ                | State               |
|   |  |                  |                                | 1                | EPA/Other           |
|   |  |                  |                                |                  |                     |
| d.  |  |                  |                                | !                | State               |
|   |  |                  |                                |                  | EPA/Other           |
| J. Additional Descriptions for Materials Listed Above   |  |                  |                                | Codes for Waste  |                     |
| XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  |  |                  | c.                             | d.               |                     |
| 45 Consideration leads as and Additional leads as   |  |                  | L                              | <u> </u>         |                     |
| 15. Special Handling Instructions and Additional Inform   | mation                                   |                  |                                |                  |                     |
|   | •  |                  |                                |                  |                     |
| Store in cool area.   |  |                  |                                |                  |                     |
|   |  |                  |                                |                  |                     |
| GENERATOR'S CERTIFICATION: I hereby de  | clare that the contents of this consignm | ent are fully a  | nd accurately                  | described above  | ve by proper shipp  |
| name and are classified, packed, marked, an international and national government regulation    |  | oper condition   | for transpor                   | t by highway ac  | cording to applica  |
| If I am a large quantity generator, I certify tha   |  | e volume and     | toxicity of w                  | aste generated   | to the degree I ha  |
| determined to be economically practicable an  | d that I have selected the practicable   | method of tre    | atment, stora                  | ige, or disposal | currently available |
| me which minimizes the present and future th<br>faith effort to minimize my waste generation ar |  |                  |                                |                  |                     |
| Printed/Typed Name  | Signature                                |                  |                                | ····             | Month Day           |
|   | Signature                                | ,                |                                | 1 e              | Month Day           |
| 17. Transporter 1 Acknowledgement of Receipt of Ma  |  |                  |                                | <u> </u>         |                     |
| Printed/Typed Name  | Signature                                |                  |                                |                  | Month Da            |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Jignature                                | •                |                                | 7                | Month Day           |
| 18 Transporter 2 Advantados at at Consist of the  | · · · · · · · · · · · · · · · · · · ·    |                  |                                |                  |                     |
| 18. Transporter 2 Acknowledgement of Receipt of Ma  |  |                  |                                |                  |                     |
| Printed/Typed Name  | Signature                                |                  |                                |                  | Month Day           |
| 100 8   |  |                  |                                |                  |                     |
| 19. Discrepancy Indication Space  |  |                  |                                |                  |                     |
|   |  |                  |                                |                  |                     |
|   |  |                  |                                |                  |                     |
|   |  |                  |                                |                  |                     |
| 20. Facility Owner or Operator Certification of receipt   |  | initest except a | s noted in Ite                 | m 19.            |                     |
| Printed Typed Name  | Signature                                |                  |                                |                  | Month Day           |
|   |  | -                |                                |                  | 1 1 1 1             |

|   | WASTE MANIFEST CHIP UND DIVI   | 1111/19111             | DUDIO              | 1  | /   10 1101 10                            | <b>4</b>             | <b>~,</b> · <b>~~</b> · |
|---|--|------------------------|--------------------|--|---|----------------------|-------------------------|
|   | 3. Generator's Name and Mailing Address BURFAIN OF LAND MANNY EMETIT   | <u> </u>               | TAIS LELL          | A. Sta   | te Manifest Docume                        | nt Num               | ber                     |
|   | 555 LESUE STREET, UKINH, CA.   | 95482                  |                    | B. Sta   | te Generator's ID                         | المكذ                | 5                       |
|   | 4. Generator's Phone (701) 462-3873  | 12700                  | •                  | 1  | AME AS                                    | 315                  | PALLL                   |
|   | E. Transporter I Company Name  | US EPA ID Numbe        |                    |  | te Transporter's ID                       | ,7                   | 0075                    |
|   | PLEDET ENVIRONMENTESIC, ICAL  7. Transporter 2 Company Name  8.  | 091811318              | 1911512            |  | nsporter's Phone Z<br>te Transporter's ID | 115                  | <u> 734-740</u>         |
|   | 7. Transporter 2 Company Name  | 1 1 1 1 1              |                    |  | nsporter's Phone                          |                      |                         |
| Ì | 9. Designated Facility Name and Site Address PAY AREA ENVIRONMENTAL  10.   | US EPA ID Numbe        | er                 |  | te Facility's ID                          |                      |                         |
|   | 1125 HENSLEY   |                        |                    |  | ME   MS                                   | LPP.                 | ALL                     |
|   |  | T081001                | 40.79              |  | 415-23                                    | 3-8                  | 8001                    |
|   | 11. US DOT Description (Including Proper Shipping Name, Hazard Class,  |                        | 12. Cont           |  | 13. Total<br>Quantity                     | 14.<br>Unit<br>Wt/Vo | l.<br>Waste No.         |
|   | * WASTE FLAMMAGE UQUO, N.O.S.  |                        |                    |  |   |                      | State 223               |
|   | FLAMMABLE LIGUID UN 1995   |                        | 101                | DIM  | 1 1 1515                                  | 6                    | EPA/Other               |
|   | " WASTE COERDSINE LIQUID, NO.S   |                        | 1-1-1-             | 1011   | 1 1 1213                                  |                      | State 2 LL              |
|   | CORROSIVE MATERIAL NA 116  |                        |                    | D 24   |   |                      | EPA/Other DOOZ          |
| - |  |                        | 1011               | DIM  | 1 1217                                    | 9                    | State Co.               |
|   | " WASTE CYANIDE, DRY, POISON   | <i>J B</i>             | 1                  |  |   |                      | State 8                 |
|   | UN 1588  |                        | 101                | DM   | 1 1515                                    | 9                    | D003                    |
| 1 | " WASTE ETYLENE DIBEOMIDE, POISON  | J.B                    |                    |  |   |                      | State 232               |
| İ | UN 1605  |                        | 1011               | DIM  | کاگل ا ا                                  | G                    | EP 4/0th 67             |
|   | J. Additional Descriptions for Materials Listed Above  | bH 1/2 Fulls           | Packed m           | K. Ha  | ndling Codes for W                        | stes L<br>b.         | isted Above             |
|   | 1-1 gar (ph 11) Yz full, I bags high   | ph soil gack           | d in vern          | while  | ,   |                      |                         |
|   | J. Additional Descriptions for Materials Listed Above  A. 2-59al Steel dynam Yy full / 1-19al  B. 1-19al (ph 11) Yz full, f bags high  C. 5-1 gul pales dry granide schild f  J. 5-1 gul pales dry granide schild f  J. 5-1 gul pales dry granide schild f | huld in ver            | merlite<br>Jennedi | ر.<br>اون  |   | d.                   |                         |
| - | 15. Special Handling Instructions and Additional Information Alternate TSOF USPCI - 3 mi E, 7mi N 801-534-005Y - WDQ91301748 / Who   | Knoll Exit.            | 1 off 1.           | -50  | GEASSI MO                                 | unt                  | MD, UTAH                |
|   | 801-534-005Y - WTO 991301748 / WM  | reapproved             | pro clo            | and  | respirat                                  | 014                  | protection              |
| - | if spulled cul RFS toll free 1-800-33  | 34-0004                |                    |  |   |                      |                         |
|   | 16.<br>GENERATOR'S CERTIFICATION: I hereby declare that the cont<br>name and are classified, packed, marked, and labeled, and are<br>international and national government regulations.  |                        |                    |  |   |                      |                         |
|   | If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have sele   |                        |                    |  |   |                      |                         |
| - | me which minimizes the present and future threat to human hea faith effort to minimize my waste generation and select the best   | Ith and the environme  | ent; OR, if I a    | m a sma  | Il quantity general                       | or, I h              | ave made a good         |
|   | Printed/Typed Name   | Signature              |                    |  |   |                      | Month Day Ye            |
|   | Eric R. Johnson  | asic R.                | John               | son  |   |                      | 1019121618              |
|   | 17. Transporter 1 Acknowledgement of Receipt of Materials  |                        |                    |  | Z1:                                       |                      |                         |
|   | Printed/Typed Name STEPHEN ROY PICKS   | Signature              | Ru                 | ,  | le los                                    |                      | Month Day Yes           |
| 1 | 18. Transporter 2 Acknowledgement of Receipt of Materials  | Tray - K               |                    | Z  |   |                      |                         |
|   | Printed/Typed Name   | Signature              |                    |  |   |                      | Month Day Ye            |
|   |  |                        |                    | · <del>- · · · · · · · · · · · · · · · · · ·</del> |   |                      |                         |
|   | 19. Discrepancy Indication Space   |                        |                    |  |   |                      |                         |
|   | 19. Discrepancy Indication Space   |                        |                    |  |   |                      |                         |
|   | 20. Facility Owner or Operator Certification of receipt of hazardous mater   |                        | anifest except     | as noted   | in Item 19.                               |                      |                         |
|   |  | ials covered by this m | anilest except     | as noted   | in Item 19.                               |                      | Month Day Yes           |

#### MISCELLANEOUS CHEMICALS PACKING LIST

ENERATOR: BUREAU OF LAND MANAGEMENT DATE PACKAGED: 9/26/81 MANIFEST NO.: 87403275

DRUM NO.: 11d HAZARD CLASS: POISON B 11d HAZARD CLASS: POISON B ACKAGED BY: Signature full furnition or SHIPPING NAME Printed Name: JEFF LUCKS AMOUNT of OT SHIPPING NAME **EPA** SIZE of QUANTITY of STATE of MATERIAL HAZARD CLASS | DOT Id # | WASTE # CONTAINER use most descriptive) CONTAINERS (total) COMMENTS PER BAL ISTE GYLENE DIBEONDE POISON B UN 1605 U067 Solid 5gal 1/29t

### MISCELLANEOUS CHEMICALS PACKING LIST

| NERATOR: BUEFAN OF L                                    | AND MANAGEME   | AT                                    | DATE I         | PACKAGED:            | 9/26/87                   | _ MAN1FE               | ST No.: 8                        | 1403275  |  |  |
|---|----------------|---------------------------------------|----------------|----------------------|---------------------------|------------------------|----------------------------------|--|--|--|
| NERATOR: BUEEN OF L<br>SSS LESME<br>IDRESS: VKIAH, CA   | STREET . 95482 |                                       | DRUM           | No.:                 | 10                        | HAZARD CLASS: Poison B |                                  |  |  |  |
| NCKAGED BY: Signature                                   | U P            |                                       |                | Printe               | d Name: JE                | FLUCAS                 | <b>S</b>                         |  |  |  |
| nemical or<br>DT SHIPPING NAME<br>Use most descriptive) | O DOT          | DOT Id #                              | EPA<br>WASTE # | SIZE of<br>CONTAINER | QUANTITY of<br>CONTAINERS | STATE OF               | AMOUNT of<br>MATERIAL<br>(total) | COMMENTS   |  |  |
| HANDE, DRY  | POISONB        | NN 1288                               | D003           | 1 quart              | 6                         | solid                  | 5ats                             | Samples 4,11,12  |  |  |
|   | •              |                                       |                |                      |                           |                        | 5#s                              |  |  |  |
|   |                |                                       |                |                      |                           |                        | •                                |  |  |  |
|   |                |                                       |                |                      |                           | •                      |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                |                                       |                |                      |                           |                        |                                  |  |  |  |
|   |                | ·                                     |                |                      |                           |                        |                                  |  |  |  |
|   | <del></del>    | · · · · · · · · · · · · · · · · · · · | <del> </del>   |                      |                           |                        |                                  | and the second s |  |  |

| ENERATOR: BUREAU OF U                                   | WD MANAGENE    | <b>W</b> T  | DATE           | PACKAGED:            | 9/26/87                   | MANIFE                         | ST No.: 8                             | 7403275                  |  |  |
|---|----------------|-------------|----------------|----------------------|---------------------------|--------------------------------|---------------------------------------|--------------------------|--|--|
| DDRESS: DKIAH, CA                                       | 6 STREET 94582 |             |                | No.:1                | , ' '                     | HAZARD CLASS: CORROSIVE LIQUID |                                       |                          |  |  |
| ACKAGED BY: Signature hemical or                        | St Juan        |             |                | Printe               | d Name: JEF               |                                | 5                                     |                          |  |  |
| hemical or<br>OT SHIPPING NAME<br>use most descriptive) | Į DOT          |             | EPA<br>WASTE # | SIZE of<br>CONTAINER | QUANTITY of<br>CONTAINERS | PHYSICAL STATE OF              | AMOUNT of MATERIAL (total)            | COMMENTS                 |  |  |
| breazive Ligin N.O.S.                                   | Coressive MAT  |             | Dog            | 1 gal                | 1                         | liquid                         | 1/2 gal                               | PH II<br>Chlorpyrifos 2% |  |  |
| 1   |                |             |                | ,                    |                           | · ·                            | •                                     |                          |  |  |
| ESTE COERDSIVE SOUD<br>N.O.S.                           | CORROGIVEMAT   | NA 1760     | D002           | 59al                 | 1                         | solid                          | 20#                                   | contaminated soi         |  |  |
|   |                | •           |                |                      |                           |                                |                                       |                          |  |  |
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| ENERATOR: BUREAU OF                                     | LAND MANAG          | EMENT   | DATE           | PACKAGED: _           | 7/26/87                   | _ MANIFE             | EST No.: 8                 | 7403275  |
| DDRESS: UKIAH, CA.                                      | 95482               |         | DRUM           | No.:                  | 11 a                      | HAZARI               | CLASS: Fu                  | ammable Liquin                                 |
| ACKAGED BY: Signature                                   | Jeff Jucan          |         |                | Printe                | d Name: Jer               | & LUCAS              | >                          |  |
| hemical or<br>DT SHIPPING NAME<br>use most descriptive) | DOT<br>HAZARD CLASS | •       | EPA<br>WASTE # | SIZE of<br>CONTAINER  | QUANTITY of<br>CONTAINERS | PHYSICAL<br>STATE OF | AMOUNT of MATERIAL (total) | COMMENTS                                       |
| TE FLAMMABLE LIQUID                                     |                     |         | Doo!           | 59d                   | I                         | liquid               | 1 gal.                     | sample # 1                                     |
| STE FLAMMARIE LIQUID                                    | FLAMMASLELIA        | UN 1993 | 0001           | 5gal                  |                           | liquid               | 2002.                      | sample # 13                                    |
| 1316 Frammasie Uquio                                    |                     | UN 1993 | Dool           | 1 gal                 |                           | liquid               | 16 02.                     | Sample # 3                                     |
|   |                     |         |                |                       |                           |                      |                            |  |
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### **OCTOBER**

| Designated Facility Name and Site Address Bay Area Environmental 1125 Henley Richmond, CA 94084  1. US DOT Description (Including Proper Shippin Waste: Flammable Liquid, liquid, lab pack, UN 19  | CATO  | 18 0 0 1 4  | ρ <b>ァ</b> թ   | H. Facility's  | 10 18 10 10   |   | اوا   |
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| 1125 Henley Richmond, CA 94084  1. US DOT Description (Including Proper Shippin Waste: Flammable Liquid,   |   | 8 0 0 1 4   | ρ79  | H. Facility's  | Phone   |   | 191   |
| us DOT Description (Including Proper Shippin   |   | 18 10 10 1 4  | p 7 9  | (41  | 5) 233-8  | <u>^</u> 1  |   |
| Waste Flammable Liquid,  | ng Name, Hazard Class, and I  |   |  |  | · , ·   | <del></del>   |   |
| Master transpare pridate   |   | ) Number)   | 12. Conta  | ners<br>Type   | 3. Total<br>Quantity  | 14.<br>Unit ₩a<br>/t/Vol  | l.<br>aste l  |
|  | n.o.s., flamma  | ble   |  |  |   | State   | 331   |
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| 5. Special Handling Instructions and Additional  |   |   |  |  |   |   |   |
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| 6.   |   |   |  |  |   |   |   |
| GENERATOR'S CERTIFICATION: I hereb<br>name and are classified, packed, market<br>international and national government regulf I am a large quantity generator, I certificate the committed of the conomically practicab  | d, and labeled, and are in a<br>slations.<br>y that I have a program in p<br>le and that I have selected  | all respects in prop<br>lace to reduce the<br>the practicable m   | volume and   | for transport<br>toxicity of te<br>transfer store  | rt by highway a<br>waste generate<br>age, or dispos   | according to a<br>d to the degre<br>al currently av   | pplic<br>e I h<br>ailab   |
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| name and are classified, packed, marked international and national government regulf! I am a large quantity generator, I certify determined to be economically practicals me which minimizes the present and future faith effort to minimize my waste generation trinted/Typed Name  YINTON LEE for LOCAL CONTRACT CO | d, and labeled, and are in a stations.  If that I have a program in pile and that I have selected are threat to human health at on and select the best waste.  KHEED  Of Materials                          | all respects in prop<br>lace to reduce the<br>the practicable m<br>and the environment  | volume and<br>ethod of treat; OR, if I am  | for transport<br>toxicity of vitment, stori<br>a small quivailable to  | rt by highway a<br>vaste generate<br>age, or dispos<br>antity generato<br>me and that I co  | d to the degree at currently average an afford.   | e I h<br>ailab<br>e a g   |
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'A 8700—22 (Hev. 9-86) Previous editions are obsolete.

## Lockheed Missiles & Space Company

Attached List Page \_\_\_\_ of Guseo Drum Number 51412 Packed By ate of First Accumulation Generator EPA ID Number Uniform Hazardous Waste Manifest Number OT Proper Shipping Name WASIE SLANING Chemical Type Other Information

Attached List ... Ende-i Page of Drum Number 07450 Packed By Date of First Accumulation Generator EPA ID Number Uniform Hazardous Waste Manifest Number DOT Proper Shipping Name / Chemical Type Other Information Quantity

One gallon = 4 quarts = 8 pints = 16 cups = 128 ounces 15 gallons = 60 quarts = 120 pints = 240 cups = 1920 ounces

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces
 20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

# Lockheed Missiles & Space Company Attached List Page \_\_\_ of \_\_\_

| rum Number 07 466 Packed By Hender 9 of First Accumulation 7-30-87 Packed By Hender Packed |           |                   |
|---|-----------|-------------------|
| riform Hazardous Waste Manifest Number  | 111607    | SI EXISCO         |
| Chemical Type   | Quantity  | Other Information |
| Silasoic J RTU Silicone Rubber  | 3 2 50lbs |                   |
|   | (58M)     |                   |
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ENSCO

| 3 ) of First Accumulation Packed By 7/1. 044(CT) | 771CV   |                   |
|--|---|-------------------|
| enerator EPA ID Number CAD'00912                 | <u> 5535'                                  </u> |                   |
|  |   |                   |
| Proper Shipping Name WASTE FLAM                  | mable L   | 9010 NOS          |
| Chemical Type                                    | Quantity  | Other Information |
| JE SILICONE PRIMER                               | 3 X /pī   |                   |
| ; CODARD SOLVENT                                 | 1/227   |                   |
| JASTE PUMPOIL                                    | 1 X / 501                                       |                   |
| CILON FRIMER                                     | 2 × /9-   |                   |
| LIFAMGUAZE BUACK                                 | 1 X /611/                                       |                   |
| Bory Paint Hordonex                              | 3 x /gul  |                   |
| +1501 POLYURET HANE                              | 6 X/9T  |                   |
| MAMEL- ALKID GLOSS                               | 2 X 19.T  |                   |
| " ONILE CURING AGENT                             | 1 X/9 T   |                   |
| YSOL PAINT                                       | 6 X/9T  |                   |
| WANCE EPOXY POLYMIDE                             | 2X/aT   |                   |
| PORANE FROXY RESIN                               | 2 X19 T   |                   |
| SWITZER ADHESIUE                                 | 1 X/9.T   |                   |
| - WU CORNING- FRIMER CONT GOLZ                   | 2 x/g-1   |                   |
| FORANE RESIL                                     | 2 X 15-   |                   |
| •  | <u> </u>  |                   |
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# Lockheed Missiles & Space Company Exscription Attached List Page \_\_\_ of \_\_\_

| rum Number 07539 Packed By 11-0-1-12  | 1/3.4C-D1 |                   |             |
|---|-----------|-------------------|-------------|
| ate of First Accumulation 7-13-3  |           |                   |             |
| Generator EPA ID Number CAD 0091255   |           | 2.1               |             |
| niform Hazardous Waste Manifest Number  UOT Proper Shipping Name <u>WASTE FLAMM</u> | 1121607   | $\frac{2l}{2l+2}$ | 16:25       |
| DOT Proper Shipping Name  | MAISUE CI | 4011              | 2005.       |
| Chemical Type   | Quantity  | Other             | Information |
| EFOXY PRIMER  | 71 × 800  |                   |             |
| HYSOL 015-1 HARDNER   | 16 X 802  |                   |             |
| BLACK LAGUER  | 1 × 6402  |                   |             |
| EV ROBERTS & ASSOCIATES FROM RESIN  | 1 x /914/ |                   |             |
| CONAP PART O CATALYST   | 1 x 640   | <del></del>       |             |
| FURANE RESIN  | 7×197     |                   |             |
| FURANE HARONER -  | 2×10T     |                   |             |
| MICH CHROME & CHEM CO. WHITE PRIMER   | 1x/91/    |                   |             |
| HYSOLFA934 PTA  | 2×19T     |                   |             |
| ALCOM GRAPHIC SUPPLY INC T HARDNER  | 1×97      |                   |             |
| D.C. PRIMER 12-04   | 20 x 402  |                   |             |
| DC PRIMER 1204  | 27×402    |                   |             |
| SBU FLEXIBLE PLASTIC SEALER   | 1 x 316s  |                   |             |
| HYSOL WHITE INK   | 1×19,-    |                   |             |
| LAGUER WHITE  | 1× 1PT    |                   |             |
| PRC PRO-SEAL  | 1 / 195   |                   |             |
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| rum Number 579 Packed By M - GARI ate of First Accumulation  7-6-87 | 154011    |                   |
| Generator EPA ID Number   | 535       |                   |
| niform Hazardous Waste Manifest Number                              | AR1607    |                   |
| OT Proper Shipping Name <u>WASTR FURNIN</u>                         | BRE LIQUI | )                 |
| Chemical Type   | Quantity  | Other Information |
| SWITZERS EPOXY RESIN  | 13 x /97  |                   |
| 1450L EA 956 STRUCTURE ADHESIVE                                     | 1 X 10 -  |                   |
| ITYSOL EN 934 ADHESIVE  | 3×197     |                   |
| 1450L EA 9309   | 8× 1p7    |                   |
| FURAHE RESIL  | 21× 19 T  |                   |
| FURANC HARDNER  | 7×19=     |                   |
| EPOXY RESIM 4015 =  | 3 x 19 7  |                   |
| SWITZER RESIL   | 2 x /ga/  |                   |
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| um Number 07580 Packed By HENS                   | DRIX       |                   |
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| Generator EPA ID Number  Generator EPA ID Number | 9.17 5535  |                   |
| iform Hazardous Waste Manifest Number /          | 15160731   |                   |
| COT Proper Shipping Name Waste Flam              | mable liqu | rid, nos          |
| Chemical Type                                    | Quantity   | Other Information |
| METAPhenylened MPDA                              | 1.X / gal  |                   |
| 1346125  |            |                   |
| RAMANel Finish clear                             | 1 x 19A1   |                   |
| FIAMOR Paint                                     | 12/911     |                   |
| EPOXY Primer                                     | 12/901     |                   |
| HARADER EPOXY                                    | 121901     |                   |
| Resin -  | 1 12 /gn/  |                   |
| ENAMEL   | 2 x 1901   |                   |
| EFOXY Primer.                                    | 2 × 1901   |                   |
| - FRAINT   | 12/gal     |                   |
| FROSY HARdner                                    | 2 N /gal   |                   |
| lasques Cellulase                                | 1 × 1508   |                   |
| ENAME! AIKUM PAINT                               | IXIgal     |                   |
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## Lockheed Missiles & Space Company Attached List Page \_\_\_\_ of \_\_\_

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| Packed By M. CAR.  The of First Accumulation Packed By M. CAR.  Th | <b>35</b><br>11/16073 |                   |
| Chemical Type  | Quantity              | Other Information |
| HDHESIVE SILICONE S 529/SECIS  | 20× 702               | PTA               |
| SHESINE SILICONE 55-29/SECIS   | 18x/202               | PT, B             |
| INDEPENDENTINK INC. WHITE INK  | 1×19-                 |                   |
| FROXY ADAESIVE   | 4X 807                |                   |
| 1.450L 015) RESIH  | 5-X/pT                |                   |
| F. POXY ADHESIVE PTA   | 13x 402               |                   |
| -POXY ADHESIVE PTB -   | 13x 20z               |                   |
| HYSOL FCZGM FT A   | 1 X/a-                |                   |
| I VSOL PC29M PTB.  | 1 1/97                |                   |
| FURAN RESIN  | 3X/97                 |                   |
| IC 1204 PRIMER   | 8 x 402               |                   |
| MAGNOLIA ADHESIUE  | 2X 10-5               |                   |
| 1-150L CAT-L-MK  | 2/195                 |                   |
| EPOCAST ECOXY IMPONER  | 1X19.T                |                   |
| CRITUE HARDNER   | 7x 503                |                   |
| CALCION GARAHIC INSIGN SOLDER MASK   | 1                     |                   |
| CHEM GLAZE METAL CONDITIONING  | 14/501                |                   |
| HYSOL EA 934   | 10x 802               |                   |
| POLYURETHANE CURING AGENT  | 5 X 802               |                   |
| ADHESIVE EPOXY KIT (EPIBOND)   | 80x 3 07              |                   |
| BIPAX EPOXY KIT  | 39x /202              |                   |
|  | 7                     |                   |
|  |                       |                   |
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| rum Number 07582 Packed By Hend   | Te-1X                       |                   |
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| ate of First Accumulation 7/7/87  | 0 C F 2 C                   |                   |
| Generator EPA ID Number (ADOD9)  niform Hazardous Waste Manifest Number | $-\Lambda K 1 L \Omega 2 A$ | 1                 |
| OT Proper Shipping Name Waste famma                                     | ale layid                   | , N.D.S           |
|   | 114-18                      |                   |
| Chemical Type   | Quantity                    | Other Information |
| Versamid 125 Blyamide Resin   | 82 lgr                      |                   |
| Chem Tech Polyamide EPOXI   | 2 × 12+                     |                   |
| Resin EPOXY   | 10 2 Par                    |                   |
| Hardner (Activator)   | 7 × 141                     |                   |
| STRUCTURAL ADHESTVE   | 11 × 62+                    |                   |
| Corroson TNH: BITVE Sealent   | 7 x 10                      | (PRC)             |
| Chemalare Thinner -   | 2 x /1/2                    | ,                 |
| Chimalace # 276 Primer  | 13/92                       |                   |
| Chinglaire #376 Primer Chinglare #302 Frimer                            | 1 x 1gt                     |                   |
| ADVANCED Primer   | 12/9+                       |                   |
| HUSOL CAT-L-TIXIL   | Zxlat                       |                   |
| HDVANCED POW ENAMEL   | 7~/21                       |                   |
| 7. Z. R. Galvanizing Componed   | 1.4.19+                     | Pamer 2100        |
| ENAMEL WAITS  | 2 x /at                     |                   |
| Chemplaze EPOXY Primer  | 12/4                        |                   |
| SIND+AL ENAMOL PAINT  | 1 7/4                       |                   |
| EPOXY Polyamide   | 1 X/91                      |                   |
|   | F                           |                   |
|   |                             |                   |
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## Lockheed Missiles & Space Company Attached List

Page \_\_\_ of \_\_\_

| Generator EPA ID Number CADOO 912   | 158,X<br>5535 | 7.1               |
|---|---------------|-------------------|
| iform Hazardous Waste Manifest Number  OT Proper Shipping Name  Waste Flams | rable liquid  | n.o.5             |
| Chemical Type   | Quantity      | Other Information |
| RP 1500 HARdner   | 1 'x 5 gal    |                   |
| RP 1500 HARdner   | 1.32 5 god    |                   |
| EPOXY Phenolic Rein in max 100  | 1 / /90/      |                   |
| EPOXYPhenolic Resin in Max 108<br>Silicome Ruper Primer<br>DASA lease 915   | 2× 100        |                   |
| OAFAlease 115   | 1 x light     |                   |
| 2007 Resin  | 1 x 1901      |                   |
| Charles Technology  |               |                   |
|   |               |                   |
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| Lockheed Missiles & Sp                  | ace Co   | mpany                    |
|---|----------|--------------------------|
| Attached List                           |          |                          |
| Page _/_ of _/                          | -        | 1                        |
| um Number 0759 Packed By Koya           | KUPPOCH  | ud                       |
| a ) of First Accumulation 7-13-87       | -27      |                          |
| enerator EPA ID NumberCADO091259        | 5.35     | 2                        |
| Proper Shipping Name Waste Flammable    | Lightel  | U.C.S.                   |
|   | 1.       |                          |
| Chemical Type                           | Quantity | Other Information        |
| Sgallons Solder Flux Spilled            | 5gey,    | Carbania                 |
| - aruvii ilas, piastic                  | 576s     | Contaminated<br>in Spill |
| Ploves                                  | 1/12     | Jen Spill                |
| il Dry Clay                             | 5016     |                          |
| Termicalité                             | 40 14    |                          |
| noty Containe (Last.                    |          |                          |
| (ontained Flux)                         | 316      |                          |
|   |          |                          |
|   |          |                          |
| ee Lab Report, 7-21-87                  |          |                          |
| Blair Michael for                       |          |                          |
| Total Chlorine less                     |          |                          |
| than 0.2% Chlorine                      |          |                          |
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Attached List Page \_\_\_\_ of \_\_\_\_

| Prum Number 07-349 Packed By 19 6-452            | 184CDI   |                   |
|--|----------|-------------------|
| Generator EPA ID Number  Generator EPA ID Number | 75536    |                   |
| Iniform Hazardous Waste Manifest Number 112 166  |          | 深是北州省12.1         |
| OT Proper Shipping Name (NASTE FEAM)             |          |                   |
|  |          |                   |
| Chemical Type                                    | Quantity | Other Information |
| MAGNOLIA EPOXY PIA                               | 19x19-   |                   |
| PRC PRO-SEAR ADHESIUE                            | 20x107   |                   |
| PRC BASE COMPOUND                                | 3 X/05   |                   |
| MACNOLIA ADHESIVE                                | 2×16-    |                   |
| MACNOLIA EDOXY PTB                               | 141 802  |                   |
| FURANE RESID                                     | TXIPI    | FRES, DUE         |
| FURANE-HARDNER -                                 | 7× 100   | PESIDO E-         |
| PLO-SEAL ACCERATATOR                             | 1) X 402 |                   |
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| UNIFORM HAZARDOUS WASTE MANIFEST  1. Generator's US EPA ID No.  C   A   D   9   8   1   6   2   7  | 383 0   | Manife<br>Document   |                         | 0  | f 1 is   | not req                                    | uired l  | ne shaded are<br>by Federal law  |
|--|---|--|-------------------------|--|--|--|--|--|
| 3. Generator's Name and Mailing Address Ion Systems Inc. 2541 10th St., Berkeley, CA 94710   |   |  |                         |  | e Manifest                                     | 117  |  | ber  |
| 4. Generator's Phone (415) 540-0446  |   |  |                         |  | e Generato<br>A   H   O                        |  | 01 21  | 0  9  2  8   |
| or management of the second of | S EPA ID Number   |  |                         | C. Star  | te Transport                                   | er's ID                                    |  |  |
| Ion Systems Inc.   | E M P T   |  |                         |  | nsporter's P                                   |  | 415-   | 540-0446   |
| 7. Transporter 2 Company Name 8. US  | S EPA ID Number   |  |                         |  | e Transport                                    |  |  |  |
| 9. Designated Facility Name and Site Address 10. US  | S EPA ID Number   |  |                         |  | te Facility's                                  |  |  |  |
| Bay Area Environmental   |   |  |                         |  |  | 1.1  |  |  |
| 1125 Hensley St.<br>Richmond, CA 94801 .C.A.T.O  | 0 0 0 1   | 4 0 7  |                         |  | ility's Phone                                  |  |  |  |
| Kremiena, en 31862   | 1 0 0 8   |  | Ontai                   |  | 13. Tot  |  | 14.  | l.   |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID   | Number)   | No   | .                       | Туре   | Quar   | ntity                                      | Unit<br>Wt/Vol   | Waste No   |
| а.   |   |  |                         |  |  |  |  | State 2  |
| Weste Methyl Ethyl Kotone Elemente III   | #1102   | 0.0  |                         | D. M   | 0.0.0.   | ٥. 5                                       | G  | EPA/Other DO   |
| Waste Methyl Ethyl Ketone, Flammable, UN   | #1193   | +4.  | 1 -                     | ויון ע   | 0,0,0  | 0 3  | u  | State  |
|  |   |  |                         |  |  |  | ļ  |  |
|  |   |  |                         | _1_  |  |  |  | EPA/Other  |
| c.   |   |  |                         |  |  |  |  | State  |
|  |   | ١.   |                         |  |  |  |  | EPA/Other  |
| d.   |   |  |                         |  |  |  |  | State  |
|  |   |  |                         |  |  |  |  | EPA/Other  |
| J. Additional Descriptions for Materials Listed Above  |   |  | L                       |  | ndling Code                                    |  |  |  |
| United MEK   |   |  |                         | а.   |  |  | <b>b</b> .   |  |
| Waste MEK  |   |  |                         |  |  |  |  |  |
| 1 0  |   |  |                         |  |  |  |  |  |
| Store in cool area.  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of name and are classified, packed, marked, and labeled, and are in all international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place determined to be economically practicable and that I have selected the me which minimizes the present and future threat to human health and faith effort to minimize my waste generation and select the best waster.  | respects in pro<br>ce to reduce the<br>ne practicable in<br>I the environman  | per cond<br>e volume<br>method o<br>nt; OR, if               | and<br>f trea           | for traitoxicity traiting trai | of waste of<br>storage, of                     | ighway<br>generate<br>r dispos<br>generate | accorded to the sal curror, I ha                         | ting to applications degree I have entire available over made a good   |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of name and are classified, packed, marked, and labeled, and are in all international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place determined to be economically practicable and that I have selected the me which minimizes the present and future threat to human health and faith effort to minimize my waste generation and select the best waster.  Printed/Typed Name  Signal  | respects in proceed to reduce the practicable in the environment management me  | per cond<br>e volume<br>method o<br>nt; OR, if               | and<br>f trea           | for traitoxicity traiting trai | of waste of<br>storage, of                     | ighway<br>generate<br>r dispos<br>generate | accorded to the sal curror, I had can afform             | ting to application of the degree I have entity available we made a good ord.  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of name and are classified, packed, marked, and labeled, and are in all international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place determined to be economically practicable and that I have selected the me which minimizes the present and future threat to human health and faith effort to minimize my waste generation and select the hest waster.  | respects in proceed to reduce the practicable in the environment management me  | per cond<br>e volume<br>method o<br>nt; OR, if               | and<br>f trea           | for traitoxicity traiting trai | of waste of<br>storage, of                     | ighway<br>generate<br>r dispos<br>generate | accorded to the sal curror, I had can afform             | ting to application of the degree I have entity available we made a good ord.  |
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| 16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of name and are classified, packed, marked, and labeled, and are in all international and national government regulations.  If I am a large quantity generator, I certify that I have a program in plat determined to be economically practicable and that I have selected the me which minimizes the present and future threat to human health and faith effort to minimize my waste generation and select the best waster.  Printed/Typed Name  CHARLES E SANCHEZ  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  CHARLES E SANCHEZ  18. Transporter 2 Acknowledgement of Receipt of Materials  | respects in pro   | per cond<br>e volume<br>method o<br>nt; OR, if               | and<br>f trea           | for traitoxicity traiting trai | of waste of<br>storage, of                     | ighway<br>generate<br>r dispos<br>generate | accorded to the sal curror, I had can affor              | ing to applicate the degree I have ently available we made a good ord.  Month Day  Month Day  Month Day              |
| 16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of name and are classified, packed, marked, and labeled, and are in all international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place determined to be economically practicable and that I have selected the me which minimizes the present and future threat to human health and faith effort to minimize my waste generation and select the hest waster.  Printed/Typed Name  CHARLES  E SAN CHEZ  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  CHARLES  E SAN CHEZ  Signal  CHARLES  Signal  CHARLES  Signal  CHARLES  Signal   | respects in pro   | per cond<br>e volume<br>method o<br>nt; OR, if               | and<br>f trea           | for traitoxicity traiting trai | of waste of<br>storage, of                     | ighway<br>generate<br>r dispos<br>generate | accorded to the sal curror, I had can affor              | ting to application de degree I have ently available vermade a goord.  Month Day                                     |
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| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of name and are classified, packed, marked, and labeled, and are in all international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place determined to be economically practicable and that I have selected the me which minimizes the present and future threat to human health and faith effort to minimize my waste generation and select the hest wasters.  Printed/Typed Name  CHARLES  E SANCHEZ  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signal  CHARLES  E SANCHEZ  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signal  19. Discrepancy Indication Space   | respects in proceed to reduce the practicable in the environment management me ture ture ture ture ture ture ture tur | pper conc<br>e volume<br>method o<br>nt; OR, if<br>ethod tha | and f treat I am t is a | for traitoxicity itment, a small vailable  | of waste storage, of ill quantity at to me and | ighway<br>generate<br>r dispos<br>generate | accorded to the sal curror, I had can affor              | ing to application de degree I have ently available ver made a good ord.  Month Day  Month Day  Month Day  Month Day |
| 16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of name and are classified, packed, marked, and labeled, and are in all international and national government regulations.  If I am a large quantity generator, I certify that I have a program in plat determined to be economically practicable and that I have selected the me which minimizes the present and future threat to human health and faith effort to minimize my waste generation and select the best waster.  Printed/Typed Name  CHARLES E SANCHEZ  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  CHARLES E SANCHEZ  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signat  19. Discrepancy Indication Space  | respects in proceed to reduce the practicable in the environment management me ture ture ture ture ture ture ture tur | pper conc<br>e volume<br>method o<br>nt; OR, if<br>ethod tha | and f treat I am t is a | for traitoxicity itment, a small vailable  | of waste storage, of ill quantity at to me and | ighway<br>generate<br>r dispos<br>generate | accorded to the sal curror, I had can affor              | ing to applica the degree I have the entity available we made a go ord.  Month Day  Month Day                        |

### OUTGOING MANIFESTS MAY AND JULY - SEPTEMBER

#### MAY

| print or type. (Form designed for use on e   | ille (12-pitch) type   | writer.) (To  | 74   | 0228   |  |  | 54  | cramento, Californ  |
|--|--|---|--|--|--|--|---|---|
| UNIFORM HAZARDOUS<br>WASTE MANIFEST  | 1. Generator's<br>CATO8001   | US EPA ID No.   | 00cu<br>1 187  | ment No.   | 2. Pag<br>of                                 |  |   | the shaded areas<br>ed by Federal   |
| Generator's Name and Mailing Address AY AREA ENVIRONMENTAL   |  |   |  |  |  | 864906   |   | umber   |
| 125 HENSLEY ST.  |  |   |  | į  |  | te Generator's ID  |   |   |
|  | 233-8001   |   |  |  |  |  |   | 6018952   |
| Transporter 1 Company Name   |  | 6. US E   | PA ID Numb   | er   |  | te Transporter's   |   | 2633  |
| .T. TRANSPORTATION, E*MART   | INEZ   | CADQ0Q05891   | 7 1 1  |  | D. Tra                                       | naporter's Phore   | 153   | 372-9100  |
| Transporter 2 Company Name   |  | a. USE  | PA ID Numb   | er   |  | te Transporter's   |   |   |
| Santana Sanilla Name and Site Address  |  | 10. US E  | PA ID Numb   |  |  | nsporter's Phone<br>te Facility's ID   | )<br>   |   |
| Designated Facility Name and Site Address T. CORPORTATION, MARTINEZ  | FACILITY   |   |  | ••   | C  |  | 063   | 33115   |
| 396 WATERBIRD WAY  | re sylve   | CAD00009477   | 1  |  | H. Fac                                       | ility's Phone 4  | 108   | 263-72  |
| 'ARTINEZ,CA.94553  |  |   | لللأ   |  |  | 15   | 0100  |   |
| I. US DOT Description (Including Proper Ship   | noing Name Hete  | of Class and IO Num   | hari   | 12 Cont  | ainers                                       | 13.<br>Totai   | 14.<br>Unit                                     | L G   |
| . US DOT Description (including Proper Sing  | pping Neme, Neza   | 70 CI462, 470 15 NO   |  | No.  | Туре   | Quantity   | WWO   | Waste No.   |
|  |  |   |  |  |  |  |   | (D001)  |
| ASTE FLAMMABLELIQUID, CORF   | ROSIVE, N.O.   | .s. UN2924  |  | 001  | TT   | 1100   | G   | 291.221   |
|  |  |   |  |  |  |  | -   | 11.491  |
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| Additional Descriptions for Materials Lists  | d Above Terret   | ****  | 445  | N. W. W.   | K. Har                                       | ding Codes for   | Wagtes  | Listed Above  |
| *TX=RCVP09000 -Ammon 1a05000   | 00-3011058.  |   |  |  |  |  |   | A. C. A. A. A. A. A. A. A. A. A. A. A. A. A.  |
| 13-8208 OTT 8528   | 187042 10  | District Chromic  | -6800D   |  | 14   | (No Hu   | V).   |   |
| non-polare20%,OILe52%  | 1 2002 100   | or a trouted  | =680;  |  | 14   | (No III  |   |   |
| non-polarezos OLLe52s<br>(CN) disticted  | 1) E D (7) - 100   |   | =600   |  | 14   |  | <i>V)</i>                                       |   |
| non-polare20 OILE521   | 1  | gene en e   |  |  | 11/  |  | )<br>)  |   |
| non-polare20 OILe521 (CN) Sticks  I.T. CORPORATION TERNATE SAN JOSE TRANSFE  | 1  | (EMA)   | /Ass/A   | io V<br>see  | atta   | ched Trans   | )<br>ifer                                       | manifest!   |
| non-polare20 OILe521  (CA) Stick  I.T. CORPORATION TERNATE SAN JOSE TRANSFE SDF: 3010 Zanker rd.   | N FACILITY   | AT000646117   | <sub>(किस्स्</sub>   |  | atta<br>DR                                   | ched Trans   | fer 8   | manifest#<br>6490627  |
| I.T. CORPORATION TERNATE SAN JOSE TRANSFE 3010 Zanker rd. SAN JOSE.CA.9503   | N<br>ER FACILITY<br>35 EPA#CADO  | WE MAJ<br>AT000646117   | /Ass/A   |  | atta<br>DR                                   | ched Trans   | 8   | manifest#<br>6490627<br>aste code#  |
| I.T. CORPORATION TERNATE SAN JOSE TRANSFE 3010 Zanker rd. SAN JOSE.CA.9503 oid skin contact, wear pro-   | PACILITY SE EPA#CADO   | ATOO 646117   | handli   | ng.  | DRI  | MO FT.ORD  | W by  | 6490627<br>aste code#   |
| I.T. CORPORATION TERNATE SAN JOSE TRANSFE 3010 Zanker rd. SAN JOSE.CA.9503 oid skin contact, wear progressing in ame and are classifled, paccording to applicable international and re-  | TE DCZ 100  ER FACILITY  S5 EPA#CADO  DEGLIVE  ciare that the corecked, marked, as national government   | ATOO646117<br>000633115<br>Intents of this consigning labeled, and are in interesting the constructions.  | handli<br>ment are ful<br>ail respects   | ng. * ty and acc in proper                                 | DRI<br>urately<br>condition                  | described above on for transport   | by<br>by highw                                  | aste code#  |
| I.T. CORPORATION TERNATE SAN JOSE TRANSFE 3010 Zanker rd. SAN JOSE.CA.9503 Oid skin contact, wear progenerators certification: I hereby de proper shipping name and are classified, paccording to applicable international and runless! am a small quantity generator.   | ER FACILITY  S EPA#CADO  Clare that the concected, marked, anational government who has been expenses and the concected of the concected of the concected of the concected of the concected of the concentration of the con | ATOO 646117 000633115 Intents of this consigning labeled, and are in our regulations. Itempted by statute of  | handliment are ful all respects or regulation  | ng. *  ty and accion proper  from the                      | DRI<br>urately<br>condition                  | described above on for transport to make a waste                                 | by highw  | aste code#  |
| I.T. CORPORATION TERNATE SAN JOSE TRANSFE SDF: 3010 Zanker rd. SAN JOSE.CA.9503 Oid skin contact, wear progressified, proceeding to applicable international and recording to applicable international | ER FACILITY SE EPA#CADO DLECTIVE ciare that the corrected, marked, anational governme who has been exactly that I have citicable and I have  | AT000646117 000633115 Intents of this consigning the selected and are in the regulations. It is program in place the selected the method was selected the method.   | handliment are full ail respects or regulation to reduce the   | hy and accin proper  | urately condition duty to and to             | described above<br>on for transport to<br>make a waste<br>xicity of waste        | by by highway minimiz                           | aste code#<br>D001<br>vay<br>ration certification<br>ed to the degree i   |
| I.T. CORPORATION TERNATE SAN JOSE TRANSFE SDF: 3010 Zanker rd. SAN JOSE.CA.9503 Oid skin contact, wear progressing to applicable international and r Unless I am a small quantity generator under Section 3002(b) of RCRA, I also co   | ER FACILITY SE EPA#CADO DLECTIVE ciare that the corrected, marked, anational governme who has been exactly that I have citicable and I have  | AT000646117 000633115 Intents of this consigning the selected and are in the regulations. It is program in place the selected the method was selected the method.   | handliment are full ail respects or regulation to reduce the   | hy and accin proper  | urately condition duty to and to             | described above<br>on for transport to<br>make a waste<br>xicity of waste        | by by highway minimiz                           | aste code#<br>D001<br>vay<br>ration certification<br>ed to the degree i   |
| I.T. CORPORATION TERNATE SAN JOSE TRANSFE SDF: 3010 Zanker rd. SAN JOSE.CA.9503 Old skin contact, wear progressive and are classifled, paccording to applicable international and runless I am a small quantity generator under Section 3002(b) of RCRA, I also chave determined to be economically predminimizes the present and future threat to   | ER FACILITY SE EPA#CADO DLECTIVE ciare that the corrected, marked, anational governme who has been exactly that I have citicable and I have  | ATOOO646117 000633115 Intents of this consigning in the consistency in the | handliment are full ail respects or regulation to reduce the   | hy and accin proper  | urately condition duty to and to             | described above<br>on for transport to<br>make a waste<br>xicity of waste        | by by highway minimiz                           | aste code# pool  vay  ration certification and to the degree if able to me which                                    |
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#### **JULY**

| INFORM HAZARDOUS  NASTE MANIFEST  Generator's Name and Maling Address Bay Area Environmental 1125 Hensley Street, Richslond, CA 94801  3. Transporter (415-123-8001  3. Transporter (415-123-8001  3. Transporter (415-123-8001  3. Transporter (415-123-8001  3. Transporter (415-123-8001  3. Transporter (415-123-8001  4. US BPA D Number  5. US BPA D Number  6. US BPA D Number  6. State Manifest (9 00117-0)  7. Transporter (415-123-8001  5. Transporter (415-123-8001  6. State Transporter (9 00117-0)  7. Transporter (415-123-8001  7. Transporter (415-123-8001  7. Transporter (415-123-8001  7. Transporter (415-123-8001  8. State Generator's Phone  6. State Transporter (9 00117-0)  7. Transporter (9 00117-0)  8. State Transporter ( | or type. (Form designed for use on elite (12-pitch typewriter)   |  |  |             |  |   | **********************  |  |
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| Bay Area Environmental 1125 Hensley Street, Richsond, CA 94801  5. Transp. trar Company Name 6. US EPA D Number 7. Transporter 2 Company Name 8. US EPA D Number 10. US EPA D Number 10. US EPA D Number 10. State Transporter 3 D 20117-0  7. Transporter 2 Company Name 10. US EPA D Number 10. State Transporter 3 D 20117-0  8. State Transporter 3 D 20117-0  8. Transporter 3 D 20117-0  7. Transporter 3 D 20117-0  8. State Transporter 4 D 20117-0  8. State Transporter 5 D 20117-0  8.  | WASTE MANIFEST CATUS   | EPA ID No.   |  | of          | 1 is not   | required b                                | y Federal la  |  |
| 1125 Hensley Street, Richaond, CA 94801  5. Transporter Company Name  6. US EPA ID Number  7. Transporter Company Name  9. Design steed Facility Name and Site Address  10. US EPA ID Number  10. State Transporter's Design State Transporte |  | · · · ·  |  | A. State    | 37041  | 648                                       |   |  |
| S. Transporter 2 Company Name Ton's Empty Company Ton's Empty Comp | 1125 Hensley Street, Richmond, CA  | 94801  |  |             | 1.70 6.30  | 17.                                       |   |  |
| Tom's Barrel Crissing  10. US EPA ID Number  10. US EPA ID Number  10. US EPA ID Number  10. State Facility Name and Site Address  10. US EPA ID Number  10. State Facility Name and Site Address  10. US EPA ID Number  11. US EPA ID Number  12. Contamers  13. Tritil  14. State Facility Name  14. Facility Phone  15. Triansporter's Phone  16. State Facility In ID  17. Triansporter's Phone  18. Facility Phone  19. State Facility In ID  |  | US EPA ID Numb   | ner -  |             |  |   |   |  |
| 7. Transporter 2 Company Name 8. US EPA ID Number 9. Casic inter Facility Name and Site Address 10. US EPA ID Number 11. US FAC ID Number 12. Conteners 13. Transporter 2 Name and Site Address 10. US EPA ID Number 11. US NOT Description (including Proper Shipping Name, Hazzard Class, and ID Number) 11. US NOT Description (including Proper Shipping Name, Hazzard Class, and ID Number) 12. Conteners 13. Total 14. No. Type 14. Quantity Willow 15. State 16. Additional Operation (including Proper Shipping Name, Hazzard Class, and ID Number) 15. State 16. Additional Descriptions for Materials Listed Above 16. State 17. Additional Descriptions for Materials Listed Above 18. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Listed Above 19. Additional Descriptions for Materials Supplied and first first of this consignment are fully and accurately described above by proper ship international and national government regulations. 19. Transporter and Additional Information and assist the section of the section of the degree In determined to be exconomically practication and select the best waste management method that is available to me and that I can afford. 19. Transporte |  | _  |  |             |  | 7,0,                                      |   |  |
| 9. Designated Facility Name and Site Address Bay Area Environmental 1:25 Hensiey Street Richmond, CA 94801  1:1. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  1:1. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  1:2. Continers 1:3. Total 1:4. Wate Inc. 1:5. Special Hending Instructions and Additional Information  2:2. Continers 1:3. Total 1:4. Market Inc. 2:4. Additional Descriptions for Materials Listed Above 1:4. Additional Descriptions for Materials Listed Above 1:5. Special Hending Instructions and Additional Information  2:4. Additional Descriptions for Materials Listed Above 1:5. Special Hending Instructions and Additional Information  2:5. Special Hending Instructions and Additional Information  2:5. Special Hending Instructions and Additional Information  3:5. Special Hending Ins |  |  |  |             |  |   |   |  |
| Bay Area Environmental 1125 Hensley Street Richmond, CA 94801  11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  12. Containers No. Type Caustity Will State 272, Waste Paint related materials, N.O.S., Flammable DELYMN 1-79 Liquid UN 1993  State EPA/Other State EPA/Other C.  Additional Descriptions for Materials Listed Above Lab packed paint from Household toxics program  15. Special Mandling Instructions and Additional Information  Will July 2 Additional Materials  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper ship name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicate the analysis of the environment OR. If an a same and are classified, packed marked, and labeled, and are in all respects in proper condition for transport by highway according to applicate the analysis of the environment OR. If an a same durantity generator, practicable and that I have selected the practicable method of transport with an analysis of the environment OR. If an a same durantity generator, practicable and that I have selected the practicable and method in that is available to me and that I can a ford.  Printed Typed Name  Signature  Signature  Month Day  18. Transporter i Administration Space  Line I Lettl \$9-10 Should read: Casital ia Resources  NTUYRoad, P. Jo. Box E  Casmal I a. CA 93429  EPA ID# CAD 020748125  20. Facility Owner or Operator Certification of receipt of hazardous materials or over 40 by this menifest accept as acted in limit 19.  | 9. Desig: ated Facility Name and Site Address  | O. US EPA ID Numb  | ber .  |             |  |   |   |  |
| Richmond, CA 94801  II. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  A. Deums 1—79  Liquid UN 1993  Liquid UN 1993  Liquid UN 1993  Maste Paint related inaterials, N.O.S., Flaminable  D. High D | Bay Area Environmental   |  |  | 1           |  | 111                                       | 1351  |  |
| 11. US DOT Description (including Proper Shipping Name, Hazard Class, and D Number)  12. Containers  No. Type  13. Total  Water  14. Quantity  15. Mo. Type  15. Special Handling training to the state of the state  | Page 1   | 4.1 - 4 -  |  | H. Faci     | lity's Phone   |   |   |  |
| Waste Paint related materials, N.O.S., Flammable 01493  Liquid UN 1993  Liquid UN 1993  December 1993  Liquid UN 1993  December 1993  Liquid UN 1993  December 1993  State EPA/Other State  EPA/Other State  EPA/Other Co.  State  EPA/Other Co.  Jacked paint from Household toxics program  Lab packed paint from Household toxics program  Lab packed paint from Household toxics program  Lab packed paint from Household toxics program  Light packed paint from Household toxics program  Light packed paint from Household toxics program  Light packed paint from Household toxics program  Light packed paint from Household toxics program  Light packed paint from Household toxics program  Light packed paint from Household toxics program in Figure 1994  Light packed paint from Household toxics program in Figure 1994  Light packed paint from Household toxics program in Figure 1994  Light packed paint from Household toxics program in Figure 1994  Light packed paint from Household toxics program in Figure 1994  Light packed paint from Household toxics program in Figure 1994  Light packed paint from Household packed and are in all respects in proper condition for transport by highway according to applic international and national government regulations.  Lil in an Light quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available me which minimizes the present on future that the waste program in place to reduce the volume and toxicity of waste generated to the degree I determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available me which minimizes the present and future that have selected the practicable method of treatment, storage, or disposal currently available method in minimizes the present and future that have a program in place to re | Richmond, CA 94801   | CIATT 10-18  | 12. Conta  | iners       | 13. Total  | 14.                                       | l.  |  |
| Has te Paint related materials, N.O.S., Flammable 01793  EPA/Other  C. State  EPA/Other  G. State  EPA/Other  Additional Descriptions for Materials Listed Above  Lab packed paint from Household toxics program  Lab packed paint from Household packed, and are in all respects in proper condition for transport by highway according to applic international and national government regulations.  Lab packed paint from Household toxics program in place to reduce the volume and toxicity of waste generated to the degree In determined to be economically practicable made a packed the practicable method of treatment strange, or disposal currently available method for maintenance programs and select the best waste management method that is available to me and that I can afford.  Lab packed packed packed packed and that I have selected the practicable method of treatment strange, or disposal currently available to me and that I can a ford.  Lab packed packed packed packed packed packed packed packed packed packed packed packed packed packe | 11. US DOT Description (Including Proper Shipping Name, Hazard   | Class, and ID Number)  | No.  | Туре        | Quantity   |   | Waste I   |  |
| Was to Paint related materials, N.O.S., Flammable 0179 DM 9750 State  EPA/Other  C. State EPA/Other  d. State EPA/Other  Lab packed paint from Household toxics program  Lab packed paint from Household toxics program  15. Special Handling instructions and Additional Information  Was figure and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applic international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I had determined to be accommically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available talls effort to minimize my wests generation and select the best waste management method that is available to me and that I can a stord.  Printed Typed Name Signature Moonth Day  19. Discrepancy indication Space  Line I Letil \$9-10 Should read: Casmalia Resources  NTUYRoad, P.O. Box E  Casmalia, CA 93429 EPA ID# CAD 020746125  20. Facility Owner or Oparator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.   | a. Deums 1-79  | 1 4  | 1 1000   |             |  |   | 272   |  |
| a. State  EPA/Other  d. State  EPA/Other  J. Additional Descriptions for Materials Listed Above  Lab packed paint from Household toxics program  C. d. Handling Codes for Wastes Listed Above  Lab packed paint from Household toxics program  C. d  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipn name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applications and reading logorament regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have remarked to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a quantity genera    | Waste Paint related materials. N. (  |  |  | 1           | 1975   | P   | EPA/Other   |  |
| d. State  EPA/Other  J. Additional Descriptions for Materials Listed Above  Lab packed paint from Household toxics program  15. Special Handling Instructions and Additional Information  WIA F. Glov: _ AMD   |  | , rammabia   |  | <i>D</i> 77 | 11.71.71   |   |   |  |
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| d. State  EPA/Other  J. Additional Descriptions for Materials Listed Above  Lab packed paint from Household toxics program  15. Special Handling Instructions and Additional Information  Wild Flore will be a few forms and Additional Information  If a generating a few forms and a few forms and Additional Information  If a generatory is called a few forms and a few forms and a few forms and are in all respects in proper condition for transport by highway according to applic informational and national government regulations.  If a major quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I high determined to be economically practicable and that I have selected the practicable method of transport of disposal currently available to the degree I high determined to be economically practicable and that I have selected the practicable method of transport of disposal currently available to minimize my wests generated to and select the best waste analogement method that is available to me and that I can alroad.  Printed Typed Name  Signature  Month Day  18. Transporter I Acknowledgement of Receipt of Materials  Printed Typed Name  Signature  Month Day  19. Discrepancy Indication Space  Line I Levil \$9-10 Should read: Casinal fa Resources  NTUYRoad, P.O. Box E  Casinal fa Resources  NTUYRoad, P.O. Box E  Casinal fa CA 93429  EPA ID# CAD 020746125   |  |  |  |             |  |   | State   |  |
| J. Additional Descriptions for Materials Listed Above  Lab packed paint from Household toxics program  15. Special Handling Instructions and Additional Information  WARE TOXIC ACCUMANCE CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipp international and national government regulations.  If I am a large quantity generator, certify that I have selected the practication with the description of transport by highway according to applicate international and national government regulations.  If I am a large quantity generator, certify that I have selected the practication method of treatment, storage, or disposal currently available to minimize my waste generated to the degree I have selected to minimize my waste generated to the degree I have selected to minimize my waste generated to make a graph of the practication method of treatment, storage, or disposal currently available to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  Printed Typed Name  Signature  Month Day  19. Discrepancy indication Space  Line I Leill \$9-10 Should read: Casnal 1a Resources  NTUYRoad, P.O. Box E  Casnal 1a, CA 93429  EPA ID# CAD 020746125  20. Facility Owner or Operator Cartification of receipt of hazardous materials covered by this manifest except as noted in item 19.  |  |  |  |             |  |   |   |  |
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|                  | 3. Generator's Name and Mailing Address  Bay Area Environmental  |  | and the same of th | 041652   |
|                  | 1125 Hensley Street, Richmond, CA 948<br>4. Generator's Phone (415) 233-8001   | 801  | B. State Gen   | eretor's ID.   |
|                  | 5. Transporter 1 Company Name 6.   | US EPA ID Number   | C. State Tran  | nsporter's ID OOL  |
|                  | J. J. Magana ICIAII 7. Transporter 2 Company Name 8.   | 0   0   0   0   6   2   8   5  <br>US EPA ID Number  | E. State Tran  |  |
| 1                | 9. Designated Facility Name and Site Address 10.   | US EPA ID Number   | F. Transporte  |  |
|                  | Romic Chemical Co.   | OS EL A IS HAMBON  |  | 00094 BRG  |
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|                  | 11. US DOT Description (Including Proper Shipping Name, Hazard Class, an   |  |  | 3. Total 14. Unit William Will |
| -1               | a.   |  |  | State  |
| G<br>E<br>N      | Waste Flammable Liquid, N.O.S., UN 1993  | 010  | וחלוו  | 11 01 01 0 G EPA/OH  |
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|                  | J. Additional Descriptions for Materials   Marc Above  |  | 1 1 1 1  | Codes for Wastes Listed Abo  |
| 1                | Petroleum distallates, hydrocarbon so  | lbents & mineral spirits   | •  | 2)   · · · · ·   |
|                  | Petroleum distallates, hydrocarbon so  15. Special Handling Instructions and Additional Information  |  | 6  |  |
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|                  | 15. Special Handling Instructions and Additional Information  Wear protective gear  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contename and are classified, packed, marked, and labeled, and are i international and national government regulations.  If I am a large quantity generator, I certify that I have a program if determined to be economically practicable and that I have select me which minimizes the present and future threat to human health  | nts of this consignment are for all respects in proper configuration of the practicable method in and the environment; OR, if                                      | uily and accurately dition for transport and toxicity of wo for treatment, stora f I am a small qua  | t by highway according to a<br>aste generated to the degre<br>ge, or disposal currently av<br>intity generator; I have made  |
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| <b>V</b>         | 15. Special Handling Instructions and Additional Information  Wear protective gear  16.  GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program if determined to be economically practicable and that I have select me which minimizes the present and future threat to human health faith effort to minimize my waste generation and select the best with the select that I have select me which minimize my waste generation and select the best with the select that I have select me which minimize my waste generation and select the best with the select that I have select me which minimize my waste generation and select the best with the select me which minimize my waste generation and select the best with the select me which minimize my waste generation and select the best with the select me which minimize my waste generation and select the best with the select me which minimize my waste generation and select the best with the select me which minimize my waste generation and select the best with the select me which many the select me which minimize my waste generation and select the best with the select me which minimize my waste generation and select the best with the select me which me which minimize my waste generation and select the best with the select me which minimize my waste generation and select me which me which me waste me which me which me waste me which me waste me which me which me waste me which me waste me which me waste me which me waste me which me waste me which me waste me which me waste me which me waste me which me waste me which me waste me waste me which me waste me which me waste me waste me which me waste me waste me which me waste me waste me waste me which me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me waste me was | nts of this consignment are for all respects in proper control of the practicable method the theoreticable method the aste management method the                   | uily and accurately dition for transport and toxicity of wo for treatment, stora f I am a small qua  | t by highway according to a<br>aste generated to the degre<br>ge, or disposal currently av-<br>initity generator; I have made<br>to and that I can afford.   |
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EPA 8700—22 (Rev. 9-86) Previous editions are obsolete.

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| 11.        | Bay Area Entironmental   |                           | 4 3 4 A 4           | mark live a                    | 4 i                                  | 55U  |  |
|            | . Generator's Phone ( ) Transporter 1 Company Name 6. US EPA ID Number   | 20                        | _                   |                                | orter's it                           |  | 8 9 5  |
| 5          |  | 997                       | P. A. B. P. S.      |                                | a Phone:                             | ATE  | 277-0  |
| 7          | Transporter 2 Company Name  1. C Al DI 0 0 0 0 5 78 15  8. US EPA ID Number  |                           | . 2                 | and the same of the            | orter's IC                           | Took X av  | <b>沙车冲发</b>                                    |
| _          |  | 111                       | 4.62 . 4.44 .01     | 4                              | s Phone                              | 97.44  |  |
| 8          | Designated Facility Name and Site Address 10. US EPA ID Number   |                           | G. Sta              | te Facili                      | y a ID                               |  | 4.45   |
|            | Casmalia Resources NTU Road  AKCasmalia = CA 93429   C   AD 02074   D   C   C   C   C   C   C   C   C   C  |                           | 1000                | ility's Ph                     | one                                  | 40   |  |
| -          |  | 12. Conta                 |                     | 13.                            | Total<br>Juantity                    | 14.<br>Unit  | W  |
| L          | 1. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  | No.                       | Туре                |                                | -                                    | Wt/Vol   | State  |
| ٩          |  |                           |                     |                                |                                      |  | 等。特  |
|            | Waste Poison B Liquid, N.O.S., UN 2810   | 01011                     | UM                  | 1.1                            | সর                                   | n p  | EPA/Ot   |
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| L          | Additional Descriptions for Materials Listed Above   |                           |                     |                                | dea for V                            | 1  | المتلابية                                      |
|            | See attached sheet   |                           | S IN                |                                |                                      | 4.   |  |
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|            | 15. Special Handling Instructions and Additional Information   |                           | . :                 |                                |                                      |  |  |
|            | wear gloves and boots  |                           |                     |                                |                                      |  |  |
|            | near 3.0763 and books  |                           |                     |                                | -                                    |  |  |
|            | GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment name and are classified, packed, marked, and labeled, and are in all respects in proprinternational and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the determined to be economically practicable and that I have selected the practicable me me which minimizes the present and future threat to human health and the environment; faith effort to minimize my waste generation and select the best waste management method. | volume and<br>whod of tre | toxicity<br>atment, | nsport to<br>of was<br>storage | te genera<br>e, or disp<br>ity gener | ated to the contract of the co | ding to a<br>the degra<br>rently av<br>ave mad |
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| 7          | a Joe Lauch & the  |                           |                     |                                |                                      |  | 1917   |
| 1          | 17. Transporter 1 Acknowledgement of Receipt of Materials  |                           |                     |                                |                                      |  | )<br>Month                                     |
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|            | Printed/Typed Name  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature   | aga                       |                     |                                |                                      |  | 107  |
|            | 17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature  Signature  Signature  Signature  Materials  | ago                       |                     |                                |                                      |  | 107  |
|            | Printed/Typed Name  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature   | aga                       |                     |                                |                                      |  | 107  |
|            | Printed/Typed Name  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature   | agn                       |                     |                                |                                      |  | 107  |
|            | Printed/Typed Name  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature  Signature   | fest except               | as notec            | 1 in item                      | 19.                                  |  | 107  |
|            | Printed/Typed Name  Signature  Signature  Signature  Signature  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Signature   | fest except               | as noted            | 1 in item                      | 19.                                  |  | 107  |

(Rev. 9-86) Previous editions are obsolete.

| 4      | WASTE MANIFEST (ATOSO   | 1407900                     | oument No.     | of            |                 | on in the shaded areas quired by Federal law. |
|--------|---|-----------------------------|----------------|---------------|-----------------|---|
|        | 3. Generator's Name and Mailing Address BAY AREA ENVICONMENTAL  | `                           |                | A. State Ma   | nifest Documen  | Number  |
|        | 1124 Hensley Steel Rid  | hmoud, 9                    | 48011          | B. State Ge   | nerator's ID    | 43  |
|        | 4. Generator's Phone (415) 233 - 800 1  | 1,1/2                       | -              | HAH           | 19360           | 9 18753                                       |
|        | 5 Transporter 1 Company Name 6.   | US EPA ID MUMID             | 9517           |               | ansporter's ID  | 801613  |
|        | 7. Transporter 2 Company Name 8.  | US EPA ID Number            | 11/11          |               | nter's Phone Li | 15 223-5100                                   |
|        | 1.1   | 1 1 1 1 1 1                 |                | <u> </u>      | rter's Phone    |   |
|        | 9. Designated Facility Name and Site Address  | US EPA ID Number            |                | G. State Fa   | cility's ID     |   |
|        | 9. Designated Facility Name and Site Address.  1. T. ( or polication MART, Nes Faci 1: to 896 waterb, Rd Way  | 30                          | }              | H. Facility's | Phone           |   |
|        | MARTINETI CA 94553 ICA  | 68300089                    | 4771           | 413           | 228             | - 51∞ ·                                       |
|        | 11. US DOT Description (Including Proper Shipping Name, Hazard Class,   | Cand ID Number)             | 12. Contai     | iners         | 13. Total       | Unit Waste No.                                |
|        |   | 3.70.                       | No.            | Туре          |                 | State 243                                     |
| ا ه    | a. N  | MB9189                      |                |               | <u></u>         | 345   |
| E      | Haraeday Waste, Liquid A  | JOB. DEME                   | 001            | 777           | 2300            | Diemot  |
| E      | b. 9  | NX<br>NX                    |                |               |                 | State   |
| Ą      |   | N.                          |                | , , ,         | 11/1            | EPA/Other                                     |
| O<br>R | C.  | <u> </u>                    |                |               |                 | State   |
|        | √ · · · · · · · · · · · · · · · · · · ·   | <b>3</b> ,                  |                |               | 1               | EPA/Other                                     |
| П      | <del>.</del> <b>d</b> .   |                             |                |               |                 | State   |
|        | en en en en en en en en en en en en en e  |                             |                |               |                 | EPA/Other                                     |
|        |   | 5 7 8                       |                |               | ليليل           |   |
|        | J. Additional Descriptions for Materials Listed Above   | Section la                  | क्योंतेऽ       | K. Handling   | Codes for Wa    | b.  |
|        | Mived inouthalogenetes (  |                             | <i>D</i> `` =  |               |                 |   |
|        |   |                             |                |               |                 |   |
|        | 15. Special Handling Instructions and Additional Information  | •                           |                |               |                 |   |
|        | wear gloves a boots   | 4400                        |                |               |                 |   |
|        | weare of  | 4000 ng/kg.                 | •              |               |                 |   |
|        | 16. GENERATOR'S CERTIFICATION: I hereby declare that the con  | stepte of this consignmen   | t are fully an | d accurated   | v described at  | nove by proper chinning                       |
|        | name and are classified, packed, marked, and labeled, and an international and national government regulations.   |                             |                |               |                 |   |
|        | If I am a large quantity generator, I certify that I have a program   |                             |                |               |                 |   |
|        | determined to be economically practicable and that I have sele<br>me which minimizes the present and future threat to human her<br>faith effort to minimize my waste generation and select the best | aith and the environment    | OR, if I am    | a small qu    | antity generate | or, I have made a good                        |
|        | Printed/Typed Name 1  | Signature                   | iod that is a  | Vanable to    | me and that i c |   |
| V      | Ja hunch  | Lee 2                       |                |               | -               | Month Day Year                                |
| -      | 17. Transporter 1 Acknowledgement of Receipt of Materials   |                             |                |               |                 |   |
| N .    | Printed/Typed Name  | Signature                   |                | 24.0          | ****            | Month Day Year                                |
| S<br>P | 18. Transporter 2 Acknowledgement of Receipt of Materials   | Harry Dres                  | toris          | PH &          | <del> </del>    | 1971 171817                                   |
| 3      | Printed/Typed Name.   | Signature                   | 5 (            |               |                 | Month Day Year                                |
| É      |   |                             |                |               |                 |   |
|        | 19. Discrepancy Indication Space  | 1-                          |                |               | ,               | ,   |
|        | NOTE: MATERIAL RETURNED   | 70 Dughm                    | L gen          | Jenat         | on 7/2          | 3/82  |
| Ü      | moterias committeded  | 7/27/87                     | <10            | Mari          | iset to         | 1 AR 11147                                    |
| '.     | 20. Facility Owner or Operator Certification of receipt of hazardous mate   | erials covered by this mani | fest except a  | s noted in it | em 19.          | 1111.1/                                       |
| Y      | Printed/Typed Name Burley   | Signature                   | Kei            | ton           |                 | Month Day Year                                |
| 1021   | A (1/87)  | DRY TO CENERATOR W          | - Luc          |               | 1000            | NS ON THE BACK                                |

WITHIN CALIFORNIA CALL 1-800-852-7550

7 700-22 e. 9-86) Previous editiona are obsolete.

#### **AUGUST**

| ľ    | UNIFORM HAZARDOUS  WASTE MANIFEST  C ALT 0 8 0 0   | 11 14 10 17 19  | Document<br>() () ()                                    |  | -   | not re  | ion in the<br>quired l   | by Federa   |
|------|--|---|---|--|---|---|--|---|
|      | 3. Generator's Name and Mailing Address Bay Area Environmental   |   |   |  | te Manifest   | 416   |  | ЭӨГ   |
|      | 1125 Hensley Street, Richmond, CA 94801 4. Generator's Phone ( )   | •   |   |  | te Generati<br>Al HI QI   |   | n ti   | 299   |
| - 1  | 5. Transporter 1 Company Name 6.   | US EPA ID Numbe   | <br>9r  |  | ite Transpo   |   |  | <del>0464</del> \   |
|      | Bay Area Environmental   G A   | T 0 8 0 0 1   | 141017  | D. Tra   | asporter's  | Phone   |  | 233-80  |
| ŀ    | 7. Transporter 2 Company Name 8.   | US EPA ID Numbe   |   |  | te Transpo  | rter's ID   |  |   |
| ١    | 1 1  |   | 1 1 1   | F. Tra   | nsporter's  | Phone   |  |   |
| ŀ    | 9. Designated Facility Name and Site Address 10.   | US EPA ID Numbe   | er  | G. Ste   | te Facility'  | s ID  |  |   |
| 1    | Barron Blakeslee   |   |   |  |   |   |  |   |
| 1    | 8333 Enterprise Drive  |   |   |  | cility's Phor   |   |  |   |
|      | Newark, CA IC A  | 1D 10 17 4 6 4  |   |  |   |   | 794-6  | 511   |
|      | 11. US DOT Description (Including Proper Shipping Name, Hazard Class,  |   | No.   | ontainers<br>Type                                      | 13. To<br>Que   | ntal<br>antity                                      | 14.<br>Unit<br>Wt/Vol  | Was   |
|      | "HAZARDOUS WASIE LIQUID, N.O.S.  | ORM-E NAT<br>91   | 89  |  |   |   |  | State<br>EPA/Othe   |
|      | Waste-Chlor Inated Fluorocarbons, N.O.S., GRM-A  | NA #1693-   | 44  | 1 DIM  |   | 1815  | G  |   |
|      | <b>b.</b>  |   |   |  |   |   |  | State   |
| - {  |  |   | ŀ   |  |   |   |  | EPA/Othe  |
| -    |  |   |   |  | <del>                                     </del>                                    | <u> 1 1</u>   | ļ  | State   |
| -    | c.   |   | •   |  |   |   |  | State   |
| 1    |  |   |   | .   .  | 1   |   |  | EPA/Othe  |
| ŀ    | d.   | · · · · · · · · · · · · · · · · · · ·   |   |  | 1-1-1   | 11  |  | State   |
|      | G. The second of the second of | # 1 P P P P P P P P P P P P P P P P P P   |   |  |   |   |  |   |
| ١    |  |   |   |  | 1   |   |  | EPA/Othe  |
|      | J. Additional Descriptions for Materials Listed Above  | e ilia 74 184 la Assista  |   | 1 P 11   | adling Cod  | 1 1   | láctas I I   | ated Above  |
|      | Waste freon with silicon oil   |   |   | G.   | 01  |   | d.   |   |
|      |  |   |   | G.   | <u> </u>  |   | d.   |   |
|      | 15. Special Handling Instructions and Additional Information   |   |   | <b>G.</b>  |   |   | d.   |   |
|      |  |   |   | <b>c.</b>  |   |   | d.   |   |
|      | 15. Special Handling Instructions and Additional Information   |   |   | <b>G.</b>  |   |   | d.   |   |
|      | 15. Special Handling Instructions and Additional Information  Wear, Protective Clothing  16.  GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are  |   |   |  | urately des   |   | above b  |   |
|      | 15. Special Handling Instructions and Additional Information  Wear, Protective Clothing  16.  GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are international and national government regulations.   | in all respects in p  | roper cond  | ition for tra  | urately des   | highwa  | above by   | ding to app   |
| **** | 15. Special Handling Instructions and Additional Information  Wear, Protective Clothing  16.  GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are  | in all respects in pro-<br>in place to reduce to<br>ected the practicable<br>lith and the environm  | roper cond<br>the volume<br>method of<br>ent; OR, if    | and toxicit<br>treatment<br>I am a sma                 | urately des<br>insport by<br>y of waste<br>, storage,<br>all quantity               | genera<br>or dispe                                  | above by according to the state of the state | ding to app<br>the degree<br>rently available made is   |
|      | 15. Special Handling Instructions and Additional Information  Wear, Protective Clothing  16.  GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human heaf aith effort to minimize my waste generation and select the best Printed Typed Name  | in all respects in pro-<br>in place to reduce to<br>ected the practicable<br>lith and the environm  | roper cond<br>the volume<br>method of<br>ent; OR, if    | and toxicit<br>treatment<br>I am a sma                 | urately des<br>insport by<br>y of waste<br>, storage,<br>all quantity               | genera<br>or dispe                                  | above by according to the state of the state | ding to app<br>the degree<br>rently available made is   |
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|      | 15. Special Handling Instructions and Additional Information  Wear, Protective Clothing  16.  GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human heat faith effort to minimize my waste generation and select the best Printed Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials   | s in all respects in proceed to reduce to cted the practicable than the environment of the signature Signature  | roper cond<br>the volume<br>method of<br>ent; OR, if    | and toxicit<br>treatment<br>I am a sma                 | urately des<br>insport by<br>y of waste<br>, storage,<br>all quantity               | genera<br>or dispe                                  | above by according to the state of the state | he degree rently available wave made sord.  Month Di 2  Month D 2                                   |
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|      | 16.  GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human heafaith effort to minimize my waste generation and select the best  Printed typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name   | s in all respects in principal in place to reduce to reduce to reduce to reduce the respective to the practicable was to management in Signature  Signature  Signature  Signature   | roper cond the volume method of ent; OR, if nethod that | and toxicit<br>treatment<br>I am a smi<br>is available | urately des<br>insport by<br>y of waste<br>, storage,<br>all quantity<br>e to me an | highwa<br>genera<br>or dispo<br>genera<br>id that I | above by according to the state of the state | he degree rently available made is ord.  Month Di 2  Month Di 2                                     |
|      | 15. Special Handling Instructions and Additional Information  Wear. Protective Clothing  16.  GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human heafaith effort to minimize my waste generation and select the best  Printed typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  19. Discrepancy Indication Space  | s in all respects in place to reduce to reduce to reduce to reduce the practicable of the second of | roper cond the volume method of ent; OR, if nethod that | and toxicit<br>treatment<br>I am a smi<br>is available | urately des<br>insport by<br>y of waste<br>, storage,<br>all quantity<br>e to me an | highwa<br>genera<br>or dispo<br>genera<br>id that I | above by according to the state of the state | he degree rently available made is ord.  Month Di 2  Month Di 3  Month Di 4  Month Di 5  Month Di 6 |

|    | *UNIFORM HAZARDOUS 1. Generator's US EPA ID No.  WASTE MANIFEST C. ATT 0 8 0 0 1 4 0 7 6   | Manifest Document N  | t  |   | quired t  | e shaded area<br>by Federal law   |
|----|--|--|--|---|---|---|
| Ī  | 3. Generator's Name and Mailing Address BAY AREA ENVIRONMENIAL   |  | 8  | 7605  |   |   |
|    | RICUMOND, CA 94804<br>4. Generator's Phone (45) 235-8001   |  |  | Generator's ID  | dl!   | HOTISH  |
| -  | 5. Transporter 1 Company Name 6. US EPA ID Nu  | mber,  | Sante  | Transporter's ID  | 70  | 7548  |
|    | UNIVERSA ENGINEERING ICIATI O 8 OC. 7. Transporter 2 Company Name 8. US EPA ID Nu  | 713416   |  | porter's Phone -<br>Transporter's ID  | 107-  | 146-66  |
|    |  |  | '  | porter's Phone  |   |   |
|    | 9. Designated Facility Name and Site Address U.S. Pollution Condeol Inc. Grassy Mtn. Facility  | y 44   | V  | Facility's ID   | 63  | 5870  |
|    | 3 miles east, 7 mile North, Exit 41, Hyhuny Igeo. Clive, UT  | 30174  | X -  | 801 53  | 4 0   | 054   |
| ŀ  |  | 12. Co   | HE STATE OF THE ST | 13. Total<br>Quantity   | 14.<br>Unit   | Waste N   |
|    | 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   | No.  | 700  |   | Wt/Vo   | State   |
|    | a.<br>Dub Coerectivic  | 5  | 6  |   |   | FPA/Other   |
|    |  | 717  | 731m   | <b>ali8</b> 128   | X CT  | DOO?  |
|    | b.   | 2-30   | - T  |   |   |   |
|    |  |  |  | 1111  |   | EPA/Other   |
| }  | c.   | <del></del>  |  |   |   | State   |
|    |  |  |  |   |   | EPA/Other   |
| ŀ  | d.   |  |  |   |   | State   |
|    | · ·  |  |  |   |   | EPA/Other   |
| ١  | 22   | achil  |  | dling Codes for   |   |   |
| ¥. | a) whose Acod - 31 Drume LAB FACK (7096) 16 Drums (6250) GM87-22 9 to Drums (6246) GM87-22   | 153 w.<br>154 we   | 350  | 1939<br>1939  | d.  |   |
| ×  | 16. Special Handling Instructions and Additional Information  CAUTION: AVOID INTRACTION INGESTION OR S   | 153 our<br>154 ove   | • 0  | R DSP<br>19 97<br>03<br>WEAR  |   | ECTIVE  |
| ν. | 15. Special Handling Instructions and Additional Information  15. Special Handling Instructions and Additional Information  16. CAUTION: AVOID INHALATION INGESTION OF S  SAFETY GEAR WHEN HANDLING  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this considerate and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  | gnment are fully   | and accu   | rately described  | Pron  | by proper ship<br>ording to appli   |
| ν. | 15. Special Handling Instructions and Additional Information  15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTALATION INCESTION OF S  SAFETY GEAR WHEN HANDLING  18.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consideration and are classified, packed, marked, and labeled, and are in all respects in  | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the state of the s | rately described<br>nsport by highw<br>of waste gene<br>storage, or dis   | d above vay accorded to   | by proper ship<br>ording to applied<br>the degree I h<br>urrently availat<br>have made a (                                |
| х. | 16. Special Handling Instructions and Additional Information  CAUTION: AVOID INTRUCTION INCESTION OR S  SAFETY GEAR WHEN HANDLING  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this considerational and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduct determined to be economically practicable and that I have selected the practical   | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the state of the s | rately described<br>nsport by highw<br>of waste gene<br>storage, or dis   | d above vay accorded to   | by proper ship<br>ording to applic<br>the degree I h<br>urrently availab<br>have made a offord.                           |
| 7  | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTERTION INCESTION OR S  SETETY GEAR WHEN HANDLING  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consist name and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environ faith effort to minimize my waste generation and select the best waste management.  Printed/Typed Name  Signature   | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the state of the s | rately described<br>nsport by highw<br>of waste gene<br>storage, or dis   | d above vay accorded to   | by proper shippording to applice the degree I hurrently availab have made a gifford.                                      |
| 7  | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTERTION INCESTION OR S  SETETY GEAR WHEN HANDLING  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consist international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environ faith effort to minimize my waste generation and select the best waste management.  Printed/Typed Name  Signature  | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the second | rately describer<br>nsport by highw<br>y of waste gene<br>storage, or dis<br>all quantity gene<br>e to me and tha | d above vay accordated to apposal certator, it is can a   | by proper ship<br>ording to applic<br>the degree I h<br>urrently availab<br>have made a c<br>ifford.                      |
| 7  | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTRUSTION INCESTION OF S  SETETY BEAR WHEN HANDLING  18.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consideration and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environ faith effort to minimize my waste generation and select the best waste management.  Printed/Typed Name  Signature  Printed/Typed Name  Signature  Signature  Printed/Typed Name  Signature  | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the second | rately described<br>nsport by highw<br>of waste gene<br>storage, or dis   | d above vay accordated to apposal certator, it is can a   | by proper ship ording to applicate the degree I hurrently available have made a conford.  Month Day                       |
| 7  | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTRUSTION INCESTION OF S  SET TY GEAR WHEN HANDLING  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consist name and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environ faith effort to minimize my waste generation and select the best waste management.  Printed/Typed Name  Signature  16. Transporter 1 Acknowledgement of Receipt of Materials   | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the second | rately describer<br>nsport by highw<br>y of waste gene<br>storage, or dis<br>all quantity gene<br>e to me and tha | d above vay accordated to apposal certator, it is can a   | by proper ship ording to applic the degree I hurrently available have made a conford.  Month Day  V)                      |
|    | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTRUSTION INCESTION OF S  SETETY BEAR WHEN HANDLING  18.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consideration and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environ faith effort to minimize my waste generation and select the best waste management.  Printed/Typed Name  Signature  Printed/Typed Name  Signature  Signature  Printed/Typed Name  Signature  | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the second | rately describer<br>nsport by highw<br>y of waste gene<br>storage, or dis<br>all quantity gene<br>e to me and tha | d above vay accordated to apposal certator, it is can a   | by proper ship ording to applie the degree I lurrently availate have made a offord.  Month Day  V)   8   2    Month Day   |
| 7  | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTRUSTION INCESTION OF S  SET TY GEAR WHEN HANDLING  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consist name and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environ faith effort to minimize my waste generation and select the best waste management.  Printed/Typed Name  Signature  16. Transporter 1 Acknowledgement of Receipt of Materials   | gnment are fully n proper conditions the volume as ble method of the second sec | and accurate the second | rately describer<br>nsport by highw<br>y of waste gene<br>storage, or dis<br>all quantity gene<br>e to me and tha | d above vay accordated to apposal certator, it is can a   | by proper ship ording to applie the degree I urrently availal have made a afford.  Month Day  V)   S   Z    Month Day     |
| 7  | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTACATION INCESTION OR S  SAFE TY GEAR WHEN HANDLING  16.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consist name and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environ faith effort to minimize my waste generation and select the best waste management.  Printed/Typed Name  Signature  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  19. Discrepancy Indication Space   | gnment are fully n proper conditions the volume and the method of the method that is the method that is the method that is the volume at the method that is the method that is the method that is the volume at the method that is the volume at the method that is the volume at the volu | and socuon for trained toxicity realment, as available   | rately described insport by highway of waste gene storage, or disall quantity gene e to me and that               | d above vay accorded to posal corposal | by proper ship ording to applicate the degree I hurrently available have made a conford.  Month Day  Month Day  Month Day |
|    | 15. Special Handling Instructions and Additional Information  CAUTION: AVOID INTRICATION INCESTION OR S  SET TY BEAR WHEN HANDLING  18.  GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consist name and are classified, packed, marked, and labeled, and are in all respects in international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practical me which minimizes the present and future threat to human health and the environtain effort to minimize my waste generation and select the best waste management of Italians and the selected of the property of the prope | gnment are fully n proper conditions the volume and the method of the method that is the method that is the method that is the volume at the method that is the method that is the method that is the volume at the method that is the volume at the method that is the volume at the volu | and socuon for trained toxicity realment, as available   | rately described insport by highway of waste gene storage, or disall quantity gene e to me and that               | d above vay accorded to posal corposal | by proper ship ording to applie the degree I hurrently availat have made a fiford.  Month Day  Month Day  Month Day       |

976-41-49

| 13      | WASTE MANIFEST CIAITOLSIGH   | $\sim 1.16$ $\sim 1.26$ $\sim 1.21$   | -1-1-1-   | ٥   | 4 .   |                                 | he shaded areas<br>by Federal law.   |
|---------|--|---|---|---|---|---------------------------------|--|
| ,       | . Generator's hame and Mailing Address Bay Area Enviro   | 01.14101719.101.<br>nmentel   | 0101211   | A. Sta  | te Manifest Docume  | ont Num                         | ber  |
|         | 1125 Honoley<br>Richmond, CA   | 74804   |   | B. Sta  | te Generator's ID   | <u> </u>                        |  |
|         | Generator's Phone (415) 233 - Sool  Transporter Company Name 6.  | US EPA ID Number  |   | C. Sta  | A To 8 of   |                                 | 407191   |
|         |  | US EPA ID Number  | 7996  | D. Tra  | nsporter's Phone  | 16C                             | 26-1196  |
| 7       | . Transporter 2 Company Name 8.  | US EPA ID Number  |   | E. Sta  | nsporter's Phone  |                                 |  |
| g       | Designated Facility Name and Site Address 10.  | US EPA ID Number  |   |   | te Facility's ID  |                                 |  |
|         | jis, Pollution Control, Inc.<br>Fressy Mt. Facility, 3 miles East, 7 miles A   | both knolls Exit  | J.80  | H. Fac  | TDI9 19 1   | 361                             | 11714181   |
| <       | clive, UT  | 709191113101  |   |   | 801-530   |                                 | 1054   |
| 1       | 1. US DOT Description (Including Proper Shipping Name, Hazard Class,   | , and ID Number)  | 12. Conta   | Type  | 13. Total<br>Quantity   | 14.<br>Unit<br>Wt/Vol           | l.<br>Waste No.  |
| i       | Westa Poisen B, liquid nos.  |   |   |   |   |                                 | State  |
|         | Poison B   | UN2810  | 01119   | DIM   | 010191510   | 6                               | EPA/Other<br>Pkg4  |
|         | ).   |   |   |   |   |                                 | State  |
|         |  |   | 1 1   |   | 1111  |                                 | EPA/Other  |
| ::      |  |   |   |   |   |                                 | State  |
|         | •  |   |   |   |   |                                 | EPA/Other  |
| j       |  |   |   |   |   |                                 | State  |
|         |  |   | ١   | ١.  |   |                                 | EPA/Other  |
|         |  |   |   | C.  |   | d.                              |  |
|         | 0.0.0050 lines 9.10.11 DO.0  | 091 line 77   | · · · · · · · · · · · · · · · · · · ·   |   |   |                                 |  |
| (       | Confice i use adopted protective geo   | when hendlin  |   | nd accu   | rately described a  | bove b                          | v proper shipping  |
| 1       | 15. Special Handling Instructions and Additional Information  Confignitude Configuration (Configuration)  GENERATOR'S CERTIFICATION: I hereby declare that the confiame and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human her faith effort to minimize my waste generation and select the best  | tents of this consignment in all respects in properties of the practicable mealth and the environment; was to management meth   | t are fully as<br>er condition<br>volume and<br>ethod of tree;<br>OR, if I am   | for traitoxicity atment, a sma                    | of waste generat<br>storage, or dispo<br>If quantity general                                | ed to the sal current or, I had | ding to applicable  he degree I have rently available to ave made a good                                     |
| 1       | 6. GENERATOR'S CERTIFICATION: I hereby declare that the corname and are classified, packed, marked, and labeled, and ar international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human her faith effort to minimize my waste generation and select the best printed/Typed Name.   | itents of this consignment e in all respects in proper in place to reduce the ected the practicable mealth and the environment was to management meth                             | t are fully as<br>er condition<br>volume and<br>ethod of tree;<br>OR, if I am   | for traitoxicity atment, a sma                    | of waste generat<br>storage, or dispo<br>If quantity general                                | ed to the sal current or, I had | ding to applicable  he degree I have rently available to ave made a good                                     |
| 1       | 15. Special Handling Instructions and Additional Information  Configuration Configuration (Configuration)  GENERATOR'S CERTIFICATION: I hereby declare that the configuration (Configuration) and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human her faith effort to minimize my waste generation and select the best configuration.  Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials   | tents of this consignment in all respects in properties of the practicable mealth and the environment; was to management meth   | t are fully as<br>er condition<br>volume and<br>ethod of tree;<br>OR, if I am   | for traitoxicity atment, a sma                    | of waste generat<br>storage, or dispo<br>If quantity general                                | ed to the sal current or, I had | ding to applicable  he degree I have rently available to ave made a good ord.                                |
| F ( 1   | 15. Special Handling Instructions and Additional Information  Configuration Configuration (Configuration)  GENERATOR'S CERTIFICATION: I hereby declare that the configuration (Configuration) and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human her faith effort to minimize my waste generation and select the best printed/Typed Name  | itents of this consignment e in all respects in proper in place to reduce the ected the practicable mealth and the environment was to management meth                             | t are fully as<br>er condition<br>volume and<br>ethod of tree;<br>OR, if I am   | for traitoxicity atment, a sma                    | of waste generat<br>storage, or dispo<br>If quantity general                                | ed to the sal current or, I had | ding to applicable  he degree I have rently available to ave made a good ord.                                |
| 1 ( 1 P | 15. Special Handling Instructions and Additional Information  Configuration Configuration (Configuration)  GENERATOR'S CERTIFICATION: I hereby declare that the configuration (Configuration) and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human her faith effort to minimize my waste generation and select the best configuration.  Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials   | itents of this consignment e in all respects in proper in properties to reduce the ected the practicable mealth and the environment was e management method.                      | t are fully as<br>er condition<br>volume and<br>ethod of tree;<br>OR, if I am   | for traitoxicity atment, a sma                    | of waste generat<br>storage, or dispo<br>If quantity general                                | ed to the sal current or, I had | the degree I have rently available to ave made a good ord.  Month Day Year                                   |
| 1 ( I P | 15. Special Handling Instructions and Additional Information  Configuration Configuration (Configuration)  Generator's Certification: I hereby declare that the confiame and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have sell me which minimizes the present and future threat to human her faith effort to minimize my waste generation and select the best Printed/Typed Name  Printed/Typed Name  Paul Ball  18. Transporter 2 Acknowledgement of Receipt of Materials | itents of this consignment e in all respects in proper in place to reduce the ected the practicable mealth and the environment waste management methods.                          | t are fully as<br>er condition<br>volume and<br>ethod of tree;<br>OR, if I am   | for traitoxicity atment, a sma                    | of waste generat<br>storage, or dispo<br>If quantity general                                | ed to the sal current or, I had | ding to applicable he degree I have rently available to ave made a good ord.  Month Day Year  Month Day Year |
| F 1 P 1 | GENERATOR'S CERTIFICATION: I hereby declare that the conname and are classified, packed, marked, and labeled, and are international and national government regulations.  If I am a large quantity generator, I certify that I have a program determined to be economically practicable and that I have seleme which minimizes the present and future threat to human heralth effort to minimize my waste generation and select the best Printed/Typed Name  Paul Bell  8. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name   | atents of this consignment in all respects in proportion in place to reduce the ected the practicable mealth and the environment was to management methods.  Signature  Signature | t are fully are recondition volume and ethod of tree; OR, if I am nod that is a | for train toxicity attention in a small available | nsport by highway of waste generat storage, or dispo il quantity generat a to me and that I | ed to the sal current or, I had | ding to applicable he degree I have rently available to ave made a good ord.  Month Day Year  Month Day Year |

#### **SEPTEMBER**

| UNIFORM HAZARDOUS WASTE MANIFEST  | 1. Generator's US EPA ID No.  C   A   T   0   8   0   0   1   4 | Manife Documen         | it No.         |  | ion in the shaded areas<br>quired by Federal law |
|---|---|------------------------|----------------|--|--|
| 3. Generator's Name and Mailing Address   | C   | D I D TO G             |                | te Manifest Docume                               | 7 1 7  |
| Bay Area Environmenta   |   |                        | D. Chi         | te Generator's ID                                | 00   |
| 1125 Hensley St., Rich<br>4. Generator's Phone (4,5) 233                        | mond, CA 94801  |                        | -              |  | 0 1 8 9 5 2                                      |
| 5. Transporter 1 Company Name   |   | EPA ID Number          |                | ate Transporter's ID                             |  |
| Bay Area Environmental  | 1 C1 A1 T10   | 8 0 0 1 4 0            | 7 9 D. Tra     | ansporter's Phone                                | 415-233-8001                                     |
| 7. Transporter 2 Company Name   | 8. US   | EPA ID Number          |                | ate Transporter's ID                             |  |
| Designated Facility Name and Site Address                                       | 10. US  | S EPA ID Number        |                | ansporter's Phone<br>ate Facility's ID           |  |
| Solvent Services Inc.   | 10. 00  | SEA ID MUNIDEI         | - 1            | -  | 4 9 4 3 1 0                                      |
| 1021 Berryessa Road   |   |                        |                | cility's Phone                                   | 717171311101                                     |
| San Hdse, CA 95133  | I CI AI DI O  | 15 19 14 19 18 13      |                | 408-286-   |  |
| 11. US DOT Description (Including Proper Ship                                   | oping Name, Hazard Class, and ID                                | Number)                | Containers     | 13. Total<br>Quantity                            | 14. I. Unit Waste No.                            |
| a. (02 (4)  |   |                        | o. Type        |  | State 2 . 2                                      |
| (RQ (1)   | (UN   | 1993)                  |                | /  | EPA/Other  |
| Waste Flammable Liquid,   | N.O.S., Flammable   | Liquid                 | DI             | 1 15150  | G PAYOUNG DOOL                                   |
| b.  |   |                        |                |  | State  |
|   |   |                        |                |  | EPA/Other  |
| c.  |   |                        | 1   1          | <del>                                     </del> | State  |
|   |   |                        |                |  | EPA/Other  |
| 1   |   |                        | 1 1            |  |  |
| d.  | ~   |                        |                |  | State  |
|   |   | 1.                     | .   .          |  | EPA/Other  |
| J. Additional Descriptions for Materials Listed                                 | Above   |                        | К. н           | andling Codes for W                              | astes Listed Above                               |
| 1-7 Petrolum  | oistillates Mc  | That #                 | <b>a.</b>      | 99   | b.   |
| 0 -11 -11 -11   | oistillates/Mc  | 1                      | c.             |  | d.   |
| S-11 Month  | 1 150 Outh/ Ket   | TWE                    |                |  |  |
| 15. Special Handling Instructions and Addition                                  | nel Information   |                        | <del>-\-</del> |  | 1  |
| 10. Special Halldling Histractions and Addition                                 | g, mornigion  |                        | 9              | 9/01/06  |  |
| Keep away from open fl  | ane.  |                        |                | 1  |  |
|   |   |                        |                |  |  |
| 16. GENERATOR'S CERTIFICATION: 1 he   |   |                        |                |  |  |
| name and are classified, packed, mar<br>international and national government r |   | respects in proper cor | idition for tr | ansport by highway                               | y according to applicable                        |
| If I am a large quantity generator, I ce  |   |                        |                |  |  |
| determined to be economically practic<br>me which minimizes the present and for | uture threat to human health and                                | the environment; OR,   | if I am a sm   | all quantity genera                              | itor, I have made a good                         |
| faith effort to minimize my waste gener   |   |                        | at is availab  | le to me and that i                              |  |
| Printed/Typed Name  ONLIN Bunta   | Signa   | Dund Ca                | to             |  | Month Day Year                                   |
| 17. Transporter 1 Acknowledgement of Recei                                      | ot of Materials   | Pura B                 | 1              |  | 01912140   |
| Printed/Typed Name  | Signa   | 1479                   |                |  | Month Day Year                                   |
| Grea Road   |   | Sugar XI               | on             |  | 109192187  |
| 18. Transporter 2 Acknowledgement of Rece                                       |   | 0 "                    |                |  |  |
| Printed/Typed Name  | Signa   | ture                   |                |  | Month Day Year                                   |
| 19. Discrepancy Indication Space  |   |                        |                |  |  |
| ,   |   |                        |                |  |  |
| ·   |   |                        |                |  |  |
|   |   |                        |                |  |  |
| 20. Facility Owner or Operator Certification of<br>Printed/Typed Name           |   |                        | xcept as note  | ed in Item 19.                                   | Mosth Day V                                      |
| AKRAMS ABDELI   | Signa<br>1/4/C:2/   |                        | Stel           | 1-1  | Month Day Year                                   |
| コーファス メクルトン・ サスクラヒムノ  | (T) (1) (1)   | 11/2 J.                | 1-1-2-1-2-1    |  | 1017PAK-101                                      |

| WAS'TE MANIFEST CIAITIO 18 10 10   | 14079 0  | 0 0 1  | of  | is not re  | equired              | by Federal law.  |
|--|--|--|---|--|----------------------|--|
| 3. Generator's Name and Mailing Address  |  |  |   | e Manifest Docum   |                      |  |
| Bay Area Environmental   | Server .   |  |   | 31041  | 332                  |  |
| 1125 Hansley, Street, Richmond, CA 94801   | •  |  | B. State  | e Generator's ID   |                      |  |
| Generator's f'hone ( )   |  |  | H   | A  H  Q  3  6  | 0 1                  | 8 9 5 2  |
| Transporter 1 Company Name 6.  | US EPA ID Number   |  | C. State  | e Transporter's ID   | 801                  | 1624   |
| 1.T. Transportation 10°A   | 1 D 0 0 0 0 0 0 5  | 8191117  |   | sporter's Phone  |                      | 3-372-9100   |
| 7. Transporter 2 Company Name 8.   | US EPA ID Number   |  |   | e Transporter's ID   |                      |  |
|  |  | T L L  |   | sporter's Phone  |                      |  |
| 9. Designated Facility Name and Site Address 10.   | US EPA ID Number   |  | G. Stat   | e Facility's ID  | 7/1                  | 0175   |
| CAShalia Resources   |  |  | <u></u> ;   | HUCIACI  | /171                 | X1/10/1  |
| NTU Road   |  |  |   | lity's Phone   |                      | \4.4.C   |
| Casmalia, CA 93429 I G A   | 4 D 0 2 0 7 4  |  |   | #15 805-9  | _                    |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class,  | and ID Number)   | 12. Conta<br>No.   | Type  | 13. Total<br>Quantity  | 14.<br>Unit<br>Wt/Vo | l.<br>Waste No.  |
| a. Plammi  | ABLE LIQUID  | 140.   | 1700  |  | 100,00               | State  |
|  | ,  |  |   |  |                      | SA3  |
| Waste Flannable Liquid, Corrosive, N.O.B., UN 2  | 2924   | 01012  | M D   | 11490  | ) P                  | 0001/0002  |
| ).   |  |  |   |  |                      | State  |
|  |  |  |   |  |                      | EPA/Other  |
|  |  | 11   |   | 1111   |                      |  |
| i.   |  |  |   |  |                      | State  |
|  |  |  |   |  |                      | EPA/Other  |
|  |  | 11   |   |  |                      |  |
| d.   |  |  |   |  |                      | State  |
|  |  |  |   |  |                      | EPA/Other  |
|  |  | 1.1  |   | 1111   |                      |  |
| J. Additional Descriptions for Materials Listed Above  |  |  |   | dling Codes for W  | astes Li<br>b.       | isted Above  |
|  |  |  |   |  |                      |  |
| See attached sheets and lah analysis   |  |  | a. (  |  |                      |  |
| See attached sheets and lab analysis   | •  |  | (   |  |                      |  |
| See attached sheets and lab analysis   |  |  | c.  | () 3   | d.                   |  |
| <u> </u>   | •  |  | (   | حر ()  |                      |  |
| See attached sheets and lab analysis  15. Special Handling Instructions and Additional Information   |  | •  | (   | 23   |                      |  |
| 15. Special Handling Instructions and Additional Information   | •  | •  | (   | 2  | d.                   |  |
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NATIONAL HESPONSE CENTEN FOURTHS GOVE, WITHIN CALI DINNA

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|--|--|--|--|--|--|---|
| 3. Generator's Name and Mailing Address  | 6 4 5 × 04   | To serve the   | A. State                                       | Manifest Docume  | ent Numb   | oer<br>   |
| Bay Area Environmental   | °A 04901   |  | B. State                                       | e Generator's ID   | · U U  |   |
| 1125 Hensley Street, Richmond, C<br>4. Generator's Phone ( )   | - 8001   |  | Н  | A H O 3 A  | <u>d_1</u>   | 8 4 5 2   |
| 5. Transporter   Company Name  | 6. US EPA ID Number  |  |  | e Transporter's ID   | 8011   | 67-801  |
| Tom's Barrel 7. Transporter 2 Company Name   | 8. US EPA ID Number  | 1,2,1,0  |  | sporter's Phone<br>e Transporter's ID  | अठ   | 3-50/2  |
| 7. Hallsporter 2. Company Halls  | 1 + 1   1   1   1   1  | 1 1 1  |  | sporter's Phone  |  |   |
| 9. Designated Facility Name and Site Address   | 10. US EPA ID Number   |  | 1  | e Facility's ID  |  |   |
| Casmalia Resources   | .•   |  | L Eac  | HDO AO   | 74   | 8/12/5  |
| NTU Road<br>Casmalia, CA 93429   | 1C1A1D10121017 14 6  | 1 2 5  | 1  | 805-937  |  |   |
| 11. US DOT Description (Including Proper Shipping Name, Hazar  |  | 12. Conta  |  | 13. Total<br>Quantity  | 14.<br>Unit  | i.<br>Waste i   |
|  |  | No.  | Туре   |  | Wt/Vol   | State   |
|  | 1-25, 27-46  |  |  |  |  | 272   |
| Hazardous waste solid N.O.S., ORM-E, NA-81   | 198- MA 4189   | Q415   | DIM  | 2  0  500  | Р  | EPA/Other   |
| b. Ormus   | 67-75  |  |  |  |  | State 612   |
| (lab Pack) _ Drums 67-75 WasseePaint Related Materlals, Combustible  | Matarial NA 1262   | 0.0.0  | 0 %  | 14101010   | D  | EPA/Other   |
| c. Street, 63  |  | 0 0 13   | , <b>U</b> :                                   |  | 1  | State 123   |
|  |  |  | ام د ا   |  |  | EPA/Other   |
| Waste Corrosive Solid N.O.S., U  | N 1759   | 117  | DM   | 17191515   | <u> </u>   | State 2   |
| pinens 4   | 7-62   |  |  |  |  | , ,   |
| Waste Poison B Solid, NOO.S., UN 2   | 2811   | 1/16   |  | $S_0$  | P  | EPA/Other   |
| J. Additional Descriptions for Materials Listed Above  | 11 - 1:00 +  | 5 A O  | K. Har   | ndling Codes for W   | astes Li<br>b.   | _   |
| Line ITEN D should   | ld be live i   | 10   |  | 03   |  | උප්   |
| J. Additional Descriptions for Materials Listed Above  Line ITEM B should  Poison Plazmed  | 40-42 ITEM A.  | 15516  | C.   | 03   | d.   | 03  |
| Poilar Plana   | EACT   |  | <u> </u>                                       | 0  |  |   |
| 15. Special Handling Instructions and Additional Information   |  |  |  |  |  |   |
| 15. Special randing instructions and Additional Information  |  |  |  |  |  |   |
| 16.  GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  | t the contents of this consignments, and are in all respects in prop   | it are fully a   | n for trai                                     | isport by highway  | y accor  | ding to applic  |
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2-Way Memo

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Subject:

Overview Investigation at Bay Area Environmental - A State permitted Hazardous Waste Facility.

Phil Bobe 1. Chief

Toxics and Waste Programs Branch

#### INSTRUCTIONS

Use routing symbols whenever possible.

SENDER (Originator of message): Use brief, informal language. Conserve space.

Forward original and one copy.

RECEIVER (Replier to message): Reply below the message, keep one copy, return one copy.

DATE OF MESSAGE

ROUTING SYMBOL

3/27/84

T-2

SIGNATURE OF ORIGINATOR

TITLE OF ORIGINATOR

Field Investigator

FOLD\_

INITIAL MESSAGE

Enclosed is an inspection report for Bay Area Environmental, The facility was inspected as part of our Richmond, California. State overview program.

The inspection disclosed little activity at the site. According to the operator, a local citizens group has filed a lawsuit claiming that the facility was issued a permit in violation of the local zoning laws. The operator has suspended the hiring of employees and will not actively search for new customers until settlement of the lawsuit.

The drum storage areas are well constructed and are equipped with several safety features ( roof, walls, berms, sealed floors, fire walls). Safety and emergency equipment were checked and found to be in good operating condition. No violations observed.

Land Paul fine System Mends date of Msp., no notations. iolations were observed. Recon

Daniel Shane, Field Inspections Section, T-3-2

thru: Bob Mandel, Chief, Field Inspections Section

Kathleen Shimmin, Chief, Field Operations Branch TITLE OF REPLIER

DATE OF REPLY

ROUTING SYMBOL

SIGNATURE OF REPLIER

#### INSPECTION REPORT

#### U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 9

#### TOXICS AND WASTE MANAGEMENT DIVISION

#### FIELD OPERATIONS BRANCH

Purpose: Overview Investigation of State

Permitted Hazardous Waste Facility

Bay Area Environmental 1125 Hensley Street Richmond, CA 94804

EPA ID Number: CAT080014079

Report Number: R(84)E082

Date of Inspection: March 6, 1984

EPA Inspector: Daniel M. Shane

Environmental Protection Specialist

Field Inspections Section

State Inspector: Charlene Williams

California Department of Health Services

Facility Representatives: Bill Wahbeh

President

(415) 235-9422

Report Prepared By: Daniel M. Shane

#### BACKGROUND

On August 2, 1983 DOHS granted Bay Area Environmental (BAE) a Hazardous Waste Facility Permit.

The primary objective of the inspection was to evaluate the facility's compliance with the conditions of their permit (Attachment 1).

#### INVESTIGATION

#### Process Description

BAE operates as a storage/transfer facility for hazardous waste. The facility receives waste from householders and small quantity generators, and transports it to Class I disposal facilities.

At the time of the inspection BAE was accepting small containers from households. Small containers were placed in 55-gallon drums, absorbent material was added as a filler and the drums were placed in the designated drum storage areas. Each drum is equipped with a drum packing slip (Attachment 2) that identifies the contents of the drum.

The inspection revealed little activity at the site and only one truck load of containerized waste has been transferred to a Class I disposal site since they began accepting waste on September 9, 1983.

#### Inventory of Waste

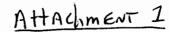
| Location                        | Quantity      | Container Size  |
|---------------------------------|---------------|---|
| Flammable waste<br>storage area | 5             | five gallon containers                                |
| Caustic waste<br>storage area   | 15            | one gallon containers in 55-gallon drum               |
| Acid waste<br>storage area      | 5<br>1/2 drum | five gallon containers<br>lab packs in 55-gallon drum |

#### SUMMARY

The inspection disclosed that the facility was operating in accordance with the conditions of their permit.



## DEPARTMENT OF HEALTH SERVICES 2151 BERKELEY WAY BERKELEY, CA 94704 (415) 540-2043





| Facility: | Bay Area Environmental<br>1125 Hensley Street<br>Richmond, CA 94804 | ` }         | Hazardous Waste Facility Permit  |
|-----------|---|-------------|----------------------------------|
|           |   |             | Number: CAT 080014079            |
|           |   | )<br>)<br>) | Effective Date: Expiration Date: |
| •         |   | )           |                                  |
| Operator: | J.J. Magana Corporation P.O. Box 579 San Pablo, CA 94806            | )           |                                  |
|           |   | · }         |                                  |

Pursuant to Section 25200 of the California Health and Safety Code, this Hazardous Waste Facility Permit is hereby granted to <u>Bay Area Environmental</u> subject to the conditions set forth in Attachment A which by this reference is incorporated herein.

Richard P. Wilcoxon, Chief
Toxic Substances Control Division

Date:

#### ATTACHMENT A

#### Hazardous Waste Facility Permit

Bay Area Environmental 1125 Hensley Street Richmond, CA 94804

## I. DESCRIPTION OF FACILITY

# 1. Ownership, Operations, and Location

Bay Area Environmental is developing a transfer station in Richmond, California, Contra Costa County. The facility will collect, receive, and store containerized hazardous wastes from householders and industrial establishments before transferring the wastes to a Class I disposal site. Wastes will be recycled whenever possible.

### 2. Compliance with California Environmental Quality Act

A Negative Declaration has been prepared for this project and approved by the California State Department of Health Services on June 27, 1983 in accordance with the California Environmental Quality Act.

#### II. GENERAL CONDITIONS

#### 1. Effect of Permit

The owner or operator is permitted to store and handle hazardous wastes in accordance with the conditions of this permit. Any storage and/or handling of hazardous wastes not authorized in this permit is prohibited. Compliance with this permit constitutes compliance, for purposes of enforcement, with the provisions of the California Health and Safety Code, including Chapter 6.5. Division 20, and with the minimum Standards for Management of Hazardous and Extremely Hazardous Wastes (Chapter 30, Division 4, Title 22, California Administrative Code). Issuance of this permit does not convey property rights of any sort or any exclusive privilege, nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of federal, state, or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment for any imminent and substantial endangerment to human health or the environment.

#### 2. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause as specified in Sections 122.15, 122.16, and 122.17, Title 40, Code of Federal Regulations (CFR), or at the discretion of the California State Department of Health Services in order to protect public health or the environment. A new facility permit condition or a modification of an existing facility permit condition shall become effective on the date that written notice of such change is received by the owner or operator. The filing of a request for

a permit modification, revocation and reissuance, or termination or the modification of planned changes or anticipated noncompliance on any part of the owner or operator does not stay the applicability or enforceability of any permit condition.

### 3. Need to Halt or Reduce Activity

It shall not be a defense for the owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

### 4. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

#### 5. Operation Plan

The owner or operator must submit to the California State Department of Health Services an operation plan. By the issuance of this permit, this operation plan, dated April 11, 1983, subsequent revisions and as amended by a letter dated June 10, 1983, are hereby approved. The plan shall be maintained at the facility at all times until closure is completed. This operation plan and any subsequent revisions and amendments thereof, subject to the approval of the California State Department of Health Services, are by this reference made part of this permit. Specific sections of the operation plan are referenced elsewhere in this permit. If there are inconsistencies between the permit and the operation plan the permit supercedes the operation plan.

#### 6. General Responsibilities of Operator

#### (a) Compliance

The owner or operator shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any permit noncompliance constitutes grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application.

# (b) Reapplication

If the owner or operator wishes to continue an activity regulated by this permit after the expiration date of this permit, the owner or operator must submit a completed application for a new permit at least 180 days before this permit expires.

#### · (c) Permit Expiration

This permit and all conditions therein will remain in effect beyond the permit expiration or termination date if the owner or operator

has submitted a timely, completed application and, through no fault of the owner or operator, the California State Department of Health Services has not issued a new permit.

### (d) Mitigation

The owner or operator shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from non-compliance with this permit.

# (e) Operations and Maintenance

The owner or operator shall at all times properly operate and maintain all facilities of storage and control (and related appurtenances) which are installed or used by the owner or operator to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facility or similar systems only when necessary to achieve compliance with the conditions of the permit.

# (f) Submittal of Requested Information

The owner or operator shall furnish to the California State Department of Health Services, within a reasonable time, any relevant information which the California State Department of Health Services may request to determine whether cause exists for modifying, revoking, and reissuing, terminating this permit, or to determine compliance with this permit. The owner or operator shall also furnish to the California State Department of Health Services, upon request, copies of records required to be kept by this permit.

# (g) Inspection and Entry

The owner or operator shall allow authorized representatives of the California State Department of Health Services or the local health agency, upon the presentation of credentials and other documents as may be required by law to:

- Enter at reasonable times upon the owner's or operator's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (3) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

(4) Sample or monitor, at reasonable times, for the purposes of assuring permit compliance or, as otherwise authorized by law, any substances or parameters at any location.

# (h) Monitoring and Records

- shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix 1 of 40 CFR Part 261 or an equivalent method approved by the California State Department of Health Services. Laboratory methods must be those specified in the approved operation plan.
- (2) The owner or operator shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by this permit, and records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report, or record. These periods may be extended by request of the regional administrator at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
- (3) Records of monitoring information shall include:
  - (i) The date, exact place, and time of sampling or measurements;
  - (ii) The individual(s) who performed the sampling or measurements;
  - (iii) The date(s) analyses were performed;
  - (iv) The individual(s) who performed the analyses;
  - (v) The analytical techniques or methods used; and
  - (vi) The results of such analyses.

# (i) Planned Changes

The owner or operator shall give notice to the California State Department of Health Services, as soon as possible, of any planned physical alterations or additions to the permitted facility.

# (j) Anticipated Noncompliance

The owner or operator shall give advance notice to the California State Department of Health Services of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

# (k) 24-Hour Reporting

The owner or operator shall report to the California State Department of Health Services any noncompliance which may endanger health or the environment. Any information shall be provided verbally within 24 hours from the time the owner or operator becomes aware of the circumstances. The following shall be included as information which must be reported verbally within 24 hours:

- (1) Information concerning release of any hazardous waste that may cause an endangerment to public drinking water supplies.
- (2) Any information of a release or discharge of hazardous waste, or of a fire or explosion from the facility, which could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:
  - (i) Name, address, and telephone number of the owner or operator;
  - (ii) Name, address, and telephone number of facility;
  - (iii) Date, time and type of incident;
  - (iv) Name and quantity of material(s) involved;
  - (v) The extent of injuries, if any;
  - (vi) An assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and
  - (vii) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within five days of the time the owner or operator becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the periods of noncompliance (including exact dates and times), and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The owner or operator need not comply with the 5-day written requirement if the California State Department of Health Services waives that requirement and the owner or operator submits a written report within 15 days of the time the owner or operator becomes aware of the circumstances.

# '() Other Noncompliance

The owner or operator shall report all other instances of noncompliance not otherwise required to be reported at the time monitoring or other

reports are submitted. The reports shall contain the information listed in II.6 (k) above.

### (m) Other Information

Where the owner or operator becomes aware that he failed to submit any relevant facts in the permit application or submitted incorrect information in a permit application or any report submitted to the California State Department of Health Services, the owner or operator shall promptly submit such facts or information.

### 7. Signatory Requirement

All reports or other information requested by the California State Department of Health Services shall be signed by the owner or operator or the corporations' principal executive officer or, at least, the level of vice president. The person signing the document shall make the following certification:

"I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

### 8. <u>Certification of Construction</u>

The owner or operator may not commence storage or transfer of hazardous wastes at the facility nor in a modified portion of that facility until:

- (a) The owner or operator has submitted to the California State Department of Health Services by certified mail or hand delivery a letter signed by the owner or operator and an appropriate engineer registered in California stating that the facility has been constructed in compliance with the permit; and
- (b) (1) The California State Department of Health Services has inspected the constructed facility and finds it is in compliance with the conditions of the permit; or
  - (2) The California State Department of Health Services has either waived the inspection or has not within 15 days notified the owner or operator of his or her intent to inspect.

#### 9. Transfer of Permit

• This permit may be transferred to a new owner or operator only if it is modified or revoked and reissued pursuant to Section 122.15 (b) (2) or 122.17 (d), Title 40, CFR. The owner of operator shall notify the California State Department of Health Services of a proposed change in ownership of the facility at least 30 days prior to the date of the transfer. Furthermore, before transferring ownership or operation of this facility during its operating life, the owner or operator shall notify the new owner or operator in writing of the requirements of this permit and the permitting process. A copy of this notification shall be submitted to the California State Department of Health Services.

### 10. Compliance Schedules

Reports of compliance or noncompliance with, or any reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each scheduled date.

### 11. Records

- (a) The owner or operator shall maintain at his place of business and at the facility, until closure is completed and certified by an independent registered engineer in California so as to be available at all times to operating personnel, the following documents and amendments, revisions and modifications to these documents:
  - (1) Waste Analysis Plan
  - (2) Contingency Plan
  - (3) Closure Plan
  - (4) Personnel Training Documents and Records
  - (5) Cost Estimate for Facility Closure
  - (6) Operating Record
  - (7) Inspection Schedules

All amendments, revisions, and modifications to any plan or cost estimates required by this permit shall be subject to the approval of the California State Department of Health Services.

(b) The owner or operator shall maintain a copy of this permit at his place of business and at the facility so as to be available at all times to operating personnel.

# 12. References and Terminology

All parts in this permit are identified by Roman numerals. The items set forth in each part shall apply to the owner, operators, and/or facility in addition to the items set forth in any preceeding and/or following part of this permit. Unless explicitly stated otherwise, all cross reference to items in this permit shall refer only to items occurring within the same part.

III. SPECIAL CONDITIONS

1. Hazardous Waste List

The owner or operator shall maintain current, the list of hazardous wastes that can be accepted by the facility presented in the approved operation plan. Additions to the list must first be approved by the California State Department of Health Services.

# 2. Wastes Prohibited

Hazardous wastes described below shall not be handled or stored at the facility:

- (a) Extremely hazardous wastes as defined in Sections 66065 and 66685, Title 22, California Administrative Code, unless specifically approved by a written permit from the California State Department of Health Services.
- (b) Wastes in bulk.
- (c) Burning wastes.
- (d) Forbidden and Class A explosives as defined in Section 173.51 and 173.53, Title 49, Code of Federal Regulations.
- (e) Wastes containing polychlorinated biphenyls.
- (f) Greater than five gallons of water-reactive waste at any time.

# 3. Maintenance and Operation of Facility

- (a) The facility shall be maintained and operated to minimize the possibility of a fire, explosion, or any unplanted sudden or nonsudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
- (b) If wastes are found on the property outside of the facility fence they shall be handled in such a manner as to prevent public contact and be in accordance with the operation plan.

# 4. Transfer of Wastes

- (a) Hazardous wastes shall not be permanently disposed of at the facility.
- (b) All equipment, pipes, and lines used at the facility to handle, transfer, pump, or store hazardous wastes shall be maintained in a manner that prevents the leaking and spilling of hazardous wastes.

# 5. Operation at Night

When the facility is operated during hours of darkness, the owner or operator shall provide sufficient lighting to ensure safe, effective management of tazardous wastes.

### 6. Public Water Supply

If a public water supply is used at the facility the service connection shall be protected from contamination as specified in Section 7604, Title 17, of the California Administrative Code.

### 7. Required Notice

- (a) If the owner or operator has arranged to receive hazardous waste from a foreign source, he shall notify the California State Department of Health Services in writing at least four weeks in advance of the date that the waste is expected to arrive at the facility. Notice of subsequent shipments of the same waste from the same foreign source is not required.
- (b) When the owner or operator receives hazardous waste from an off-site source, he must inform the generator in writing that he has the appropriate permit(s) for, and will accept, the waste the generator is shipping. The owner or operator shall keep a copy of this written notice as part of the operating record.

### 8. Analysis of Waste

- (a) Upon the effective date of this permit, the owner or operator shall follow the written waste analysis plan as described in the approved operation plan.
- b) Before the owner or operator treats or stores or disposes of a particular type of hazardous waste for the first time, he shall obtain a detailed chemical and physical analysis of a representative sample of the waste. At a minimum, this analysis shall contain all the information which must be known to treat or store the waste in accordance with the conditions of this permit.
- (c) The analysis may include data developed for other purposes, and existing published or documented data on the hazardous waste or on waste generated from similar processes.
- (d) The analysis shall be repeated, as necessary, to ensure that it is accurate and up-to-date. At a minimum, the analysis must be repeated when the owner or operator is notified or has reason to believe that the process operation generating the hazardous waste has changed.
- (e) The owner or operator shall verify its waste analysis as part of the quality assurance program. The quality assurance program will be in accordance with current U.S. Environmental Protection Agency (EPA) practices (test methods for evaluating solid waste: physical/chemical methods SW-846 dated July 1982) or equivalent methods approved by the California State Department of Health Services; and at a minimum ensure that the owner/operator maintain proper functional instruments, uses approved sampling and analytical methods, assures the validity of sampling and analytical procedures, and performs correct calculations.

·9. Security

- (a) The perimeter of the hazardous waste area of the facility shall be secured by a well-maintained fence capable of preventing the intrusion of livestock and of discouraging entry by unauthorized persons.
- (b) The owner or operator shall maintain the following to control entry at all times to the active portion of the facility:
  - (1) A 24-hour surveillance system which continuously monitors and controls entry; or
  - (2) An artificial and/or natural barrier which completely surrounds the active portion of the facility and which has a means to control entry, at all times, through the gates or other entrances to the active portion of the facility.
- (c) Signs indicating that the facility, or the hazardous waste area of the facility, contains hazardous waste shall be placed on the perimeter fence and at locations where it is anticipated that hunters and other trespassers may enter the facility.

Wording of the signs shall be in English, "Caution-Hazardous Waste Area-Unauthorized Persons Keep Out", and Spanish, "Cuidado! Zona de Residuos Peligrosos. Prohibida la Entrada a Personas No Autorizadas." Signs shall be legible from a distance of 25 feet.

# 10. Inspections

- (a) The owner or operator shall inspect the facility for malfunctions and deterioration, operator errors, and discharges which may be causing —or may lead to release of hazardous waste constituents to the environment or a threat to human health. The owner or operator shall winduct these inspections often enough to identify problems in time to correct them before they harm human health or the environment.
- (b) (1) The owner or operator shall follow the written schedule for inspecting all monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment (such as dikes and pumps) that are important to preventing, detecting, or responding to environmental or human health hazards as described in the approved operation plan-
  - (2) He shall keep this schedule at the facility.
- (c) The owner or operator shall remedy any deterioration or malfunction of equipment or structures which the inspection reveals on the schedule as described in the approved operation plan and which shall ensure that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately.
- (d) The owner or operator shall record inspections in an inspection log or

summary and shall keep these records for at least three years from the date of inspection. 11. Personnel Training (a) Facility personnel shall successfully complete the program of classroom instruction or on-the-job training as described in the approved operation plan. ው) This program shall be directed by a person trained in hazardous waste management procedures. Facility personnel shall have successfully completed the program (c) required in Item 11 (a) by the effective date of this permit or within six months after the date of their employment or assignment to a facility or to a new position at the facility whichever is later. Employees hired after the effective date of this permit shall not work in unsupervised positions until they have completed the training requirements of Item 11 (a). (d) Facility personnel shall take part in an annual review of the initial training required in Item 11 (a). (e) The owner or operator shall maintain the following documents and records at the facility: **(1)** The job title for each position at the facility related to hazardous waste management and the name of the employee filling each (2) A written job description for each position listed under Item 11 (e) (1). This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit but shall include the requisite skill, education, or other qualifications and duties of facility personnel assigned to each position; (3) A written description of the type and amount of both introductory and continuing training that will be given to each person filling a position listed under Item 11 (e) (1); and (4) Records that document that the training or job experience required under Items 11 (a), (b), (c), and (d) has been given to and completed by facility personnel. **(f)** Training records on current personnel as required in Item 11 (e) (4) shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. Personnel training records may accompany personnel transferred within the same company. Management of Ignitable, Reactive, or Incompatible Wastes (a) The owner or operator shall take precautions to prevent accidental - 11 -

ignition or reaction of ignitable or reactive wastes. This waste shall be separated and protected from sources of ignition or reaction. While ignitable or reactive waste is being handled, the owner or operator shall confine smoking and open flame to specially designated locations. "No Smoking" signs shall be conspicuously placed wherever there is a hazard from ignitable or reactive waste.

- (b) The handling and storage of ignitable or reactive waste, and the mixture or commingling of incompatible wastes, or incompatible wastes and materials shall be conducted so that it does not:
  - (1) Generate extreme heat or pressure, fire or explosion, or violent reaction;
  - (2) Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment;
  - (3) Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;
  - (4) Damage the structural integrity of the device or facility containing the waste; or
  - (5) Through other like means threaten human health or the environment.
- (c) When required to comply with Items 12 (a) and (b), Part III of this permit, the owner or operator must document that compliance. This documentation may be based on references to published scientific or engineering literature, data from trial tests, waste analyses, or the results of the treatment of similar wastes by similar treatment processes and under similar operating conditions.
- (d) The following incompatible hazardous waste groups shall be adequately separated from each other during all handling and storage operations:
  - (1) Alkalies and cyanides;
  - (2) Acids;
  - (3) Strong oxidizers;
  - (4) Toxic wastes, pesticides, and flammable wastes.
  - (5) Water reactive wastes may be stored in either the alkali and cyanide area or the oil area if a separate oil area is established.
- Each hazardous waste storage area shall be individually marked with the internationally recognized hazard identification system placards developed by the National Fire Prevention Association (NFPA).

## 13. Location Standards

(a) The owner or operator shall not store hazardous wastes within 61

meters (200 feet) of a fault which has had displacement in the last 11,000 years. (New facilities or modification to existing facilities only.)

(b) The owner or operator shall ensure that the facility is designed, constructed, operated, and maintained to prevent washout of any hazardous waste by a 100-year flood or that the wastes can be removed safely, before flood waters reach the facility, to a location where the wastes will not be vulnerable to flood waters.

### 14. Required Equipment

- (a) Upon the effective date of this permit, the owner or operator shall have available at the facility all required safety and emergency equipment as described in the approved operations plan.
- (b) The facility water supply system shall be capable of providing water in adequate volume and pressure to maintain water hose streams.
- (c) Owner or operator shall maintain access to communication or alarm system specified in the approved operation plan.

### 15. Testing and Maintenance of Equipment

All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment shall be tested and maintained as necessary to ensure its proper operation in time of emergency.

# 16. Required Aisle Space

The owner or operator shall maintain aisle space as needed to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment.

# 17. Arrangements with Local Authorities

- (a) Upon the effective date of this permit, all emergency response arrangements made by the facility with local authorities as described in the approved operation plan shall have been effected.
- (b) If local authorities refuse to enter into preparedness and prevention arrangements with the owner or operator, the owner or operator shall document this refusal in the operating record.

# 18. Contingency Plan

#### (a) Maintenance

Upon the effective date of this permit, the owner or operator shall follow the contingency plan described in the approved operation plan-

#### (b) Distribution

A copy of the contingency plan and all revisions to the plan shall be:

- (1) Maintained at the facility; and
- (2) Submitted to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services.

# (c) Implementation

The provisions of the contingency plan shall be carried out immediately wherever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

## (d) Amendment of Contingency Plan

The contingency plan shall be reviewed and immediately amended, if necessary, whenever:

- (1) Applicable regulations are revised;
- (2) The plan fails in an emergency;
- (3) Whenever the permit is revised;
- (4) The list of emergency coordinators changes; or
- (5) The list of emergency equipment changes; and
- (6) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments to the contingency plan.

# (e) Emergency Coordinator

At all times there shall be at least one employee either on the facility premises or on call (i.e., available to respond to an emergency by reaching the facility within a short period of time) with the responsibility for coordinating all emergency response measures. This emergency coordinator shall be thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility, the location and characteristics of waste handled, the location of all records within the facility, and the facility layout. In addition, this person shall have the authority to commit the resources needed to carry out the contingency plan.

# (f) Emergency Procedures

- (1) Whenever there is an imminent or actual emergency situation, the emergency coordinator (or his designee when the emergency coordinator is on call) shall follow the procedures of the contingency plan as described in the approved operation plan-
- (2) The owner or operator shall notify the California State Department of Health Services and local authorities that the cleanup

procedures are complete and all emergency equipment listed in the contingency plan is clean and fit for its intended use before operations are resumed.

- (3) The owner or operator shall note in the operating record the time, date, and details of any incident that required implementing the contingency plan.
- (4) The owner or operator shall report each incident to the California State Department of Health Services in accordance with the 24-hour reporting requirement contained in II.6 (k) of this permit.

### 19. Manifest System (Off-site facilities only)

- (a) The owner or operator shall:
  - (1) Require that a manifest be completed for all hazardous waste accepted except that receipt form number one in the operation plan may be substituted for the manifest for homeowners' wastes.
  - (2) Inspect wastes before accepting them to ensure that the delivered waste has essentially the same general properties as identified by the generator on the manifest;
  - (3) Complete the appropriate section of the manifest;
  - (4) Sign and date each copy of the manifest to certify that the hazardous waste covered by the manifest was received;
  - (5) Note any significant discrepancies in the manifest on each copy of the manifest;
  - (6) Immediately give the transporter at least one copy of the signed manifest;
  - (7) Send legible copies of all completed hazardous waste manifests and summary sheets (form 2 in operation plan) to the California State Department of Health Services on a monthly basis in conformance with Section 66550, Title 22, California Administrative Code;
  - (8) Within 30 days after delivery, send a copy of the manifest to the generator;
  - (9) Retain at the facility a copy of each manifest for at least three years from the date of delivery.
  - (10) Submit to the California State Department of Health Services by the last day of each month information on the hazardous waste delivered to him during the previous month consisting of a legible copy of the completed manifest for each load of hazardous wastes accepted, and a report that summarizes the numbers of loads of hazardous wastes received;

### (b) Manifest Discrepancies

- (1) Upon discovering a significant discrepancy between the quantity or type of hazardous waste designated on the manifest and the quantity or type of hazardous waste the facility actually receives, the owner or operator shall attempt to reconcile the discrepancy with the waste generator or transporter (e.g., with telephone conversations). A significant discrepancy in quantity is for batch waste, any variation in piece count such as a discrepancy of one drum in a truckload.
- Significant discrepancies in type are obvious differences which can be discovered by inspection or waste analysis such as waste solvent substituted for waste acid or toxic constituents not reported on the manifest. If the facility can accept the waste after its actual identity is revealed, the owner or operator may accept the waste.

If the facility cannot accept the waste, the owner or operator shall immediately notify the California State Department of Health Services of that fact, identify the transporter and generator of the waste, and refuse to accept the waste. If the owner or operator can accept the waste, he shall note on the copy of the manifest which he submits to the California State Department of Health Services and on the copy which he retains how the discrepancy was resolved. If the discrepancy is not resolved within 15 days after receiving the waste, the owner or operator shall immediately submit to the California State Department of Health Services a letter describing the discrepancy and attempts to reconcile it and a copy of the manifest at issue.

#### (c) Unmanifested Wastes

If the facility receives for storage, any hazardous waste from an off-site source without an accompanying manifest, and a manifest is prepared on the spot after load verification, waste analysis, etc., to comply with 19 (a) (1), the owner or operator shall prepare and submit a single copy of a report to the California State Department of Health Services within 15 days after receiving the waste. If the facility rejects an unmanifested load, the same reporting requirement shall apply.

The report shall include the following information:

- (1) The EPA identification number, name, and address of the facility;
- (2) The date the facility received/rejected the waste;
- (3) The EPA indentification number, name, and address of the generator and the transporter, if available;
- (4) The description and quantity of each unmanifested hazardous waste the facility received/rejected;

- (5) The method of treatment, storage, or disposal for each hazardous waste;
- (6) The certification signed by the owner or operator of the facility or his authorized representative; and
- (7) A brief explanation of why the waste was unmanifested, if known.

# 20. Recordkeeping and Reporting

- (a) Availability, Retention, and Disposition of Records
  - (1) All records including plans, required in this permit shall be furnished upon request, and made available at all reasonable times for inspection, by any officer, employee, or representative of the California State Department of Health Services.
  - (2) The retention period for all records required in this permit is extended automatically during the course of any unresolved enforcement action regarding the facility or as requested by the California State Department of Health Services.

# (b) Operating Record

(1) The owner or operator shall keep a written operating record at the facility.

The following information shall be recorded, as it becomes available, and maintained in the operating record until closure of the facility:

- (i) A description and the quantity of each hazardous waste received, and the method(s) and date(s) of its storage at the facility:
- (ii) The location of each hazardous waste within the facility and the quantity at each location. This information shall include cross-references to specific manifest document numbers, if the waste was accompanied by a manifest;
- (iii) Records and results of waste analyses and trial tests performed;
- (iv) The above information need be kept for only three years for hazardous wastes not subject to regulation under the Federal Resource Conservation and Recovery Act (RCRA), (i.e. hazardous wastes that are produced by small generators and homeowners). The above information relating to hazardous wastes produced by all other generators must be kept until closure of the facility.
- (v) Summary reports and details of all incidents that require implementing the contingency plan;

- (vi) Records and results of inspections (except these data need be kept only three years);
- (vii) Required monitoring, testing, or analytical data; and
- (viii) All closure cost estimates.

### (c) Annual Report

The owner or operator shall prepare and submit a single copy of an annual report to the California State Department of Health Services by March 1 of each year beginning March 1, 1984. The annual report shall cover facility activities during the previous calendar year and shall include the following information:

- (1) The EPA identification number, name and address of the facility;
- (2) The calendar year covered by the report;
- (3) The EPA or California State Department of Health Services identification number of each hazardous waste generator from which the facility received a hazardous waste during the year; for imported shipments, the report shall give the name and address of the foreign generator;
- (4) The description quantity and method of treatment, storage, and disposal of each hazardous waste the facility received during the year, listed by EPA or California State Department of Health Services identification number of each generator; and
- (5) The most recent closure cost estimate.

#### (d) Additional Reports

In addition to submitting the annual report required in Item 20 (c), the owner or operator shall also report to the California State Department of Health Services:

- Releases, fires, and explosions; and
- (2) Facility closure.

#### 21. Closure

#### (a) Closure Plan and Amendment of Plan

- (1) The owner or operator shall comply with the closure plan as described in the approved operation plan.
- (2) The owner or operator may amend his closure plan at any time during the active life of the facility. (The active life of the facility is that period during which wastes are periodically received.) The owner or operator shall amend his plan any time

changes in operating plans or facility design affect the closure plan.

(3) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments made to the closure plan.

(4) The owner or operator shall notify the California State Department of Health Services at least 180 days before the date he

# (b) Time Allowed for Closure

- (1) Within 90 days after receiving the final volume of hazardous wastes, the owner or operator shall treat all hazardous wastes in storage or in treatment or remove them from the site in accordance with the approved closure plan.
- (2) The owner or operator shall complete closure activities in accordance with the approved closure plan and within six months after receiving the final volume of wastes.

### (c) Disposal or Decontamination of Equipment

expects to begin closure.

- (1) If it is deemed necessary by the California State Department of Health Services, the owner or operator shall have the cement slab and/or soil tested for various constituents as determined by the California State Department of Health Services. Analyses shall be performed by a laboratory approved by the California State Department of Health Services.
- (2) When closure is completed, all facility equipment and structures shall have been properly disposed of or decontaminated by removing all hazardous waste and residues.

# (d) <u>Certification</u> of <u>Closure</u>

When closure is completed, the owner or operator shall submit to the California State Department of Health Services certification both by the owner or operator and by an independent engineer registered in California that the facility has been closed in accordance with the specifications in the approved closure plan.

# 22. Financial Responsibility

# (a) <u>Liability Insurance</u>

- (1) The owner or operator shall have liability insurance coverage as described in the operation plan and supplements.
- (2) A copy of the insurance policy shall be submitted to the California State Department of Health Services at least 60 days prior to the initial recept of hazardous wastes.

#### (b) Cost Estimate for Facility Closure

- of closing the facility in accordance with the applicable closure requirements of this permit. The owner or operator shall keep this estimate, and all subsequent estimates, at the facility. The estimate shall equal the cost of closure at the point in the facility's operating life when the extent and manner of its operation would make closure the most expensive as indicated by its closure plan.
- (2) The owner or operator shall prepare a new closure cost estimate whenever a change in the closure plan affects the cost of closure.
- On each anniversary of the effective date of this permit, the owner or operator shall adjust the latest closure cost estimate using an inflation factor derived from the annual Implicit Price Deflator for Gross National Product as published by the U.S. Department of Commerce in its SURVEY OF CURRENT BUSINESS. The inflation factor shall be calculated by dividing the latest published annual Deflator by the Deflator for the previous year. The result is the inflation factor.

The adjusted closure cost estimate shall equal the latest closure cost estimate times the inflation factor.

(4) The adjusted closure cost estimate shall be submitted to the California State Department of Health Services as part of the annual report required in III 20 (c).

### (c) Financial Assurance for Facility Closure

The permittee shall demonstrate continuous compliance with 40 CFR 264.143 and .145 or where applicable with 40 CFR 264.145, .149, .150, and .151 by providing documentation of financial assurance in at least the amount of the cost estimates required by permit condition III 22 (b).

- (d) An owner or operator who fulfills the requirements of III 22 (c) by obtaining a letter of credit, surety bond, or insurance policy will be deemed to be without the required financial assurance in the event of a bankruptcy, insolvency, or a suspension or revocation of the license or charter of the issuing institution. The owner or operator must establish other financial assurance within 60 days of such events.
- (e) The owner or operator shall comply with all other financial responsibility and facility closure requirements of the California State Department of Health Services when enacted.

#### N. STORAGE OF WASTES

#### 1. General Conditions

(a) Hazardous waste shall not be stored at the facility for longer than

one year without written approval from the California State Department of Health Services.

- (b) If a hazardous waste is stored at the facility longer than one year, the owner or operator shall submit to the California State Board of Equilization fees due and payable in conformance with Chapters 1-8, Part 22, Division 2, Revenue and Taxation Code and with Article 8, Chapter 30, Division 4, Title 22, California Administrative Code.
- (c) Hazardous waste shall be stored in a secure enclosure such as a building, room, or fenced area which shall prevent unauthorized persons from gaining access to the waste and in a manner that will prevent spills.

# 2. Storage in Containers

#### (a) Conditions

- Containers used for storing hazardous waste shall be in a condition such that the containers can be safely transported, handled, or moved.
- (2) If a container holding hazardous waste is not in good condition, or if it begins to leak, the owner or operator shall transfer the hazardous waste from this container to a container that is in good condition, or manage the waste in some other way that complies with the conditions of this permit.

# (b) Compatibility of Waste

- (1) The owner or operator shall use a container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
- (2) Areas used for storing containers of hazardous waste shall be widely separated, or physical barriers shall be provided to ensure that commingling of incompatible hazardous wastes cannot occur if a container ruptures.

#### (c) Management

- (1) Containers holding hazardous wastes shall be stored only in the area designated in the approved operation plan.
- (2) A container holding hazardous waste shall remain closed during storage, except when it is necessary to add or remove waste.
- (3) A container holding hazardous waste shall not be opened, handled, or stored in a manner which might rupture the container or cause it to leak.
- (4) All hazardous wastes must be packed in containers the same day as received.

- (5) A label shall be maintained on all containers in which hazardous wastes are stored for 90 days or more and records for the storage of all hazardous wastes shall be maintained pursuant to Section 66454, Title 22 of the California Administrative Code. Labels shall include the following information:
  - (i) Composition and physical state of the waste;
  - (ii) Special safety recommendations and precautions for handling the waste;
  - (iii) Statement or statements which call attention to the particular hazardous properties of the waste;
  - (iv) Amount of waste and name and address of the person producing the waste; and
  - (v) Date of acceptance at the storage facility.
- (6) Empty containers contaminated with hazardous materials shall be stored, handled, and processed as hazardous wastes.
- (7) The total number of containers storing hazardous waste in a storage area shall not exceed the design capacity at any one time.
- (8) To prevent hazardous waste from being blown by the wind, hazardous waste in the form of powder, dust, or a fine solid shall be handled and stored in covered containers or if the waste is not water-reactive, shall be wetted as a slurry.
- (9) Asbestos wastes in sealed, nonreturnable containers shall be handled and covered without opening, breaking, or rupturing the containers.
- (10) The operator shall store and handle emptied pesticide containers in accordance with the requirements of Chapter 30, Division 4, Title 22, of the California Administrative Code and Article 10, Group 3, Subchapter 3, Chapter 4, Title 3, of the California Administrative Code.
- (11) Water-reactive hazardous waste shall be stored in a rain-tight and waterproof area.

#### (d) Inspections

The owner or operator shall inspect areas where containers are stored in accordance with the written inspection schedule of the approved operation plan.

#### · (e) Containment

The owner or operator shall provide a spill containment system in accordance with the approved operation plan. Specifically, each hazardous waste storage area shall have a continuous base that is impervious

to the waste stored and shall be designed and constructed so that any surface water runoff or spills can be contained, and surface water runon can be excluded. The containment system shall have sufficient capacity to contain ten percent of the volume of containers or the volume of the largest container, whichever is greater. The following areas shall contain no more than the following number of drums:

acid, toxic, oxidizer - 84 drums each

caustic - 105 drums

flammable - 53 drums

# (f) Ignitable or Reactive Waste

Containers holding ignitable or reactive waste shall be situated at least 12 meters (40 feet) from the property line of the facility.

# (g) Incompatible Waste

- (1) Incompatible wastes, or incompatible wastes and materials, shall not be placed in the same container, unless the requirements of Item 12 (b), Part III of this permit are met.
- (2) Hazardous waste shall not be placed in an unwashed container that previously held an incompatible waste or material unless the requirements on Item 12 (b), Part III of this permit are met.
- (3) A storage container holding a hazardous waste that is incompatible with any waste or material stored nearby in other containers, shall be separated from the other materials or protected from them by means of a berm.

# (h) Closure

The owner or operator shall close the container storage area in compliance with the approved closure plan.

### 3. Recycling

If requested by the California State Department of Health Services in accordance with Article 12, Chapter 30, Division 4, Title 22, California Administrative Code, the owner or operator shall submit a written statement justifying having not recycled a waste which the Department has determined to be recyclable.

# BAY AREA ENVIRONMENTAL

# STORAGE/TRANSFER STATION

Richmond, Calif.

Attachment 2

DRUM PACKING SLIP

Drum No. \_\_\_\_

| Shipped to:       |          |             | Date:                | Manifest No.:    |                    |
|-------------------|----------|-------------|----------------------|------------------|--------------------|
| Container<br>Size | Quantity | Description | Chemical<br>Property | Solid/<br>Liquid | BAE Receipt<br>No. |
|                   |          |             |                      |                  |                    |
|                   |          |             |                      |                  |                    |
|                   |          |             |                      |                  |                    |
|                   |          |             |                      |                  |                    |
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